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

ANALYTICAL RESULTS SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : USACE018-44 DOD

FIRST ENVIRONMENT, INC.

10 Park Place, Bldg 1A, Suite 504

Butler, NJ - 07405

Phone No: 973-334-0003

ORDER ID : Q2815

ATTENTION : Al Smith

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2815

Project ID : USACE018-44 DOD

Client : First Environment, Inc.

Lab Sample Number	Client Sample Number
Q2815-01	TW-705R-S
Q2815-02	TW-10PC-W
Q2815-03	TW-10P-E
Q2815-04	TW-10P-S
Q2815-05	TW-10P-W
Q2815-06	TW-10P-N
Q2815-07	TW-88H-E
Q2815-08	TW-88H-N
Q2815-09	TW-88H-W
Q2815-10	TW-88H-S
Q2815-11	TW-22M-W
Q2815-12	TW-22M-S
Q2815-13	TW-22M-E
Q2815-14	TW-22M-N
Q2815-15	TW-17M-E
Q2815-16	TW-17M-S
Q2815-17	TW-84SB-S
Q2815-18	TW-84SB-W
Q2815-19	DUP
Q2815-20	TW-11M-W
Q2815-21	TW-11M-E
Q2815-22	TW-11M-S
Q2815-23	TW-11M-N
Q2815-24	TB
Q2815-25	TW-11M-W
Q2815-26	FB

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 8/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2815
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
25 Water samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for
TW-10P-N [Toluene-d8 - 84%],
TW-10P-NRE [4-Bromofluorobenzene - 117%],
TW-17M-S [4-Bromofluorobenzene - 116%],
TW-17M-SRE [4-Bromofluorobenzene - 118%],
TW-11M-E [1,2-Dichloroethane-d4 - 123%, 4-Bromofluorobenzene - 116%],
TW-11M-ERE [1,2-Dichloroethane-d4 - 119% and 4-Bromofluorobenzene - 117%]
Samples were reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX047309.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

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The Continuous Calibration File ID VX047400.D met the requirements except for Bromochloromethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The not QT review data is reported in the Miscellaneous.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2815
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
24 Water samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for,
TW-705R-S [2,4,6-Tribromophenol - 11%, 2-Fluorobiphenyl - 25%, 2-Fluorophenol - 7%, Nitrobenzene-d5 - 23%, Phenol-d6 - 9%, Terphenyl-d14 - 22%], Surrogates are failed due to Muddy matrix, As no extra volume was available for re-extraction and also the re-analysis, therefor no further corrective action was taken.
TW-22M-E [2,4,6-Tribromophenol - 14%, 2-Fluorobiphenyl - 27%, 2-Fluorophenol - 12%, Nitrobenzene-d5 - 26%, Phenol-d6 - 4%, Terphenyl-d14 - 30%], Surrogate are failed due to matrix interference. The Chromatogram also indicated presence of the non target hydro carbons, therefor no further corrective action was taken.
TW-22M-N [Terphenyl-d14 - 49%]. As per SOP one Base surrogate is allowed to fail, therefor no further corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

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The %RSD is greater than 20% for certain compounds in the Initial Calibration (Method 8270-BF081225.M) for 2-Nitrophenol, Hexachlorocyclopentadiene, 2-Nitroaniline, 2,6-Dinitrotoluene, 4-Nitrophenol, 2,4-Dinitrotoluene, 4,6-Dinitro-2-methylephenol, Pentachlorophenol, Butylbenzylphthalate, Bis(2-ethylhexylephthalate), Di-n-octyl phthalate, These Compounds is passing on Linear Regression and 2,4-Dinitrophenol is passing on Quadratic Regression.

The %RSD is greater than 20% in the Initial Calibration (Method 8270-BF082025.M) for Hexachlorocyclopentadiene, 2,4-Dinitrophenol these Compounds are passing on Linear regression.

The Continuous Calibration File ID BF143399.D met the requirements except for Bis(2-ethylhexyl)phthalate,Butylbenzylphthalate,Di-n-octyl phthalate,Hexachlorocyclopentadiene,Pentachlorophenol, These compounds are failed high side and associated samples does not have hit for these compounds, therefor no further corrective action was taken. and Pyrene is failed marginally low , therefor no further corrective action was taken.

The Continuous Calibration File ID BP025422.D met the requirements except for Benzaldehyde, This compound is failed high side and associated samples does not have hit for this compound, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025470.D met the requirements except for 2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol and Hexachlorocyclopentadiene. These compounds are failed high side and associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025485.D met the requirements except for 2,4-Dinitrophenol. This compound is failed high side and associated samples does not have hit for this compound, therefor no further corrective action was taken.

The Continuous Calibration File ID BP025487.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol. These compounds are failed high side and associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2815
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
2 Water samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Pesticide-TCL. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis.
The Retention Times were met for all analysis.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration (Method PL072825.M) for Endrin aldehyde in 2nd column, this Compound is passing on Linear regression.

The Continuous Calibration met the requirements.

Sample TW-705R-S was diluted due to high concentration.

E. Additional Comments:
The not QT review data is reported in the Miscellaneous.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2815
Test Name: PCB

A. Number of Samples and Date of Receipt:
26 Water samples were received on 08/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Dissolved ICP-TAL Metals, Dissolved Mercury, DISSOLVED METALS-TAL, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2815
Test Name: Dissolved ICP-TAL Metals,Dissolved Mercury,Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
26 Water samples were received on 08/08/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Dissolved ICP-TAL Metals, Dissolved Mercury, DISSOLVED METALS-TAL, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for Dissolved ICP-TAL Metals,Dissolved Mercury,Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Dissolved ICP-TAL Metals,Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Dissolved Mercury,Mercury was based on method 7470A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate analysis met criteria for all compounds.
The Matrix Spike (TW-WTS-13MS) analysis met criteria for all compounds except for Barium, Beryllium and Zinc due to Chemical interference during Digestion Process.
The Matrix Spike Duplicate (TW-WTS-13MSD) analysis met criteria for all compounds except for Antimony, Beryllium and Zinc due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all compounds.

E. Additional Comments:
The Post Digest Spike (TW-WTS-13A) analysis met criteria for all compounds except for Barium, Beryllium and Zinc due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.
Sample Q2815-01, Q2815-11, Q2815-20, Q2815-26 analyzed as Total Metal and Sample Q2815-25 analyzed as Dissolved Metal.

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2815

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 08/22/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID:	**TW-705R-S**									
Q2815-01	TW-705R-S	Water	Acetone		4.40	J	1.50	3.80	5.00	ug/L
			Total Voc :		4.40					
			Total Concentration:		4.40					
Client ID:	**TW-10PC-W**									
Q2815-02	TW-10PC-W	Water	Acetone		4.20	J	1.50	3.80	5.00	ug/L
			Total Voc :		4.20					
			Total Concentration:		4.20					
Client ID:	**TW-10P-E**									
Q2815-03	TW-10P-E	Water	Acetone		7.70		1.50	3.80	5.00	ug/L
Q2815-03	TW-10P-E	Water	Carbon Disulfide		1.40		0.21	0.75	1.00	ug/L
			Total Voc :		9.10					
			Total Concentration:		9.10					
Client ID:	**TW-10P-S**									
Q2815-04	TW-10P-S	Water	Acetone		5.40		1.50	3.80	5.00	ug/L
			Total Voc :		5.40					
			Total Concentration:		5.40					
Client ID:	**TW-10P-W**									
Q2815-05	TW-10P-W	Water	Acetone		4.20	J	1.50	3.80	5.00	ug/L
			Total Voc :		4.20					
			Total Concentration:		4.20					
Client ID:	**TW-10P-N**									
Q2815-06	TW-10P-N	Water	Acetone		7.90		1.50	3.80	5.00	ug/L
Q2815-06	TW-10P-N	Water	Carbon Disulfide		0.45	J	0.21	0.75	1.00	ug/L
Q2815-06	TW-10P-N	Water	Methylene Chloride		0.51	J	0.28	0.50	1.00	ug/L
Q2815-06	TW-10P-N	Water	Chloroform		0.61	J	0.25	0.50	1.00	ug/L
			Total Voc :		9.47					
Q2815-06	TW-10P-N	Water	Sulfur dioxide	*	7.10	J	0		0	ug/L
			Total Tics :		7.10					
			Total Concentration:		16.6					
Client ID:	**TW-10P-NRE**									
Q2815-06RE	TW-10P-NRE	Water	Acetone		7.20		1.50	3.80	5.00	ug/L
			Total Voc :		7.20					
			Total Concentration:		7.20					
Client ID:	**TW-88H-E**									
Q2815-07	TW-88H-E	Water	Acetone		5.60		1.50	3.80	5.00	ug/L
Q2815-07	TW-88H-E	Water	Carbon Disulfide		0.29	J	0.21	0.75	1.00	ug/L
Q2815-07	TW-88H-E	Water	Methyl tert-butyl Ether		0.46	J	0.16	0.50	1.00	ug/L
			Total Voc :		6.35					
			Total Concentration:		6.35					
Client ID:	**TW-88H-N**									

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-08	TW-88H-N	Water	Acetone		5.30		1.50	3.80	5.00	ug/L
Q2815-08	TW-88H-N	Water	Methyl tert-butyl Ether		13.5		0.16	0.50	1.00	ug/L
			Total Voc :			18.8				
			Total Concentration:			18.8				
Client ID:	**TW-88H-W**									
Q2815-09	TW-88H-W	Water	Acetone		3.70	J	1.50	3.80	5.00	ug/L
Q2815-09	TW-88H-W	Water	Methyl tert-butyl Ether		0.72	J	0.16	0.50	1.00	ug/L
Q2815-09	TW-88H-W	Water	Toluene		0.41	J	0.14	0.50	1.00	ug/L
			Total Voc :			4.83				
			Total Concentration:			4.83				
Client ID:	**TW-88H-S**									
Q2815-10	TW-88H-S	Water	Acetone		5.70		1.50	3.80	5.00	ug/L
Q2815-10	TW-88H-S	Water	Carbon Disulfide		0.41	J	0.21	0.75	1.00	ug/L
			Total Voc :			6.11				
			Total Concentration:			6.11				
Client ID:	**TW-22M-W**									
Q2815-11	TW-22M-W	Water	Acetone		4.40	J	1.50	3.80	5.00	ug/L
Q2815-11	TW-22M-W	Water	Carbon Disulfide		1.00		0.21	0.75	1.00	ug/L
			Total Voc :			5.40				
Q2815-11	TW-22M-W	Water	Sulfur dioxide	*	140	J	0		0	ug/L
			Total Tics :			140				
			Total Concentration:			145				
Client ID:	**TW-22M-S**									
Q2815-12	TW-22M-S	Water	Acetone		5.70		1.50	3.80	5.00	ug/L
Q2815-12	TW-22M-S	Water	Carbon Disulfide		1.20		0.21	0.75	1.00	ug/L
			Total Voc :			6.90				
Q2815-12	TW-22M-S	Water	Sulfur dioxide	*	11.6	J	0		0	ug/L
			Total Tics :			11.6				
			Total Concentration:			18.5				
Client ID:	**TW-22M-E**									
Q2815-13	TW-22M-E	Water	Acetone		4.00	J	1.50	3.80	5.00	ug/L
			Total Voc :			4.00				
			Total Concentration:			4.00				
Client ID:	**TW-22M-N**									
Q2815-14	TW-22M-N	Water	Acetone		6.10		1.50	3.80	5.00	ug/L
Q2815-14	TW-22M-N	Water	Carbon Disulfide		3.30		0.21	0.75	1.00	ug/L
			Total Voc :			9.40				
			Total Concentration:			9.40				
Client ID:	**TW-17M-E**									
Q2815-15	TW-17M-E	Water	Acetone		7.30		1.50	3.80	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Voc :		7.30					
			Total Concentration:		7.30					
Client ID:	**TW-84SB-S**									
Q2815-17	TW-84SB-S	Water	Acetone		5.60		1.50	3.80	5.00	ug/L
			Total Voc :		5.60					
			Total Concentration:		5.60					
Client ID:	**TW-84SB-W**									
Q2815-18	TW-84SB-W	Water	Acetone		4.80	J	1.50	3.80	5.00	ug/L
			Total Voc :		4.80					
			Total Concentration:		4.80					
Client ID:	**DUP**									
Q2815-19	DUP	Water	Acetone		5.70		1.50	3.80	5.00	ug/L
			Total Voc :		5.70					
			Total Concentration:		5.70					
Client ID:	**TW-11M-W**									
Q2815-20	TW-11M-W	Water	Acetone		5.40		1.50	3.80	5.00	ug/L
Q2815-20	TW-11M-W	Water	Carbon Disulfide		0.69	J	0.21	0.75	1.00	ug/L
Q2815-20	TW-11M-W	Water	Trichloroethene		0.42	J	0.090	0.75	1.00	ug/L
			Total Voc :		6.51					
Q2815-20	TW-11M-W	Water	Sulfur dioxide	*	96.8	J	0		0	ug/L
			Total Tics :		96.8					
			Total Concentration:		103					
Client ID:	**TW-11M-E**									
Q2815-21	TW-11M-E	Water	Acetone		21.3		1.50	3.80	5.00	ug/L
Q2815-21	TW-11M-E	Water	Carbon Disulfide		0.57	J	0.21	0.75	1.00	ug/L
Q2815-21	TW-11M-E	Water	2-Butanone		3.60	J	0.98	2.50	5.00	ug/L
			Total Voc :		25.5					
Q2815-21	TW-11M-E	Water	Sulfur dioxide	*	13.3	J	0		0	ug/L
			Total Tics :		13.3					
			Total Concentration:		38.8					
Client ID:	**TW-11M-ERE**									
Q2815-21RE	TW-11M-ERE	Water	Acetone		15.8		1.50	3.80	5.00	ug/L
			Total Voc :		15.8					
			Total Concentration:		15.8					
Client ID:	**TW-11M-S**									
Q2815-22	TW-11M-S	Water	Acetone		5.00		1.50	3.80	5.00	ug/L
Q2815-22	TW-11M-S	Water	Carbon Disulfide		0.77	J	0.21	0.75	1.00	ug/L
			Total Voc :		5.77					
			Total Concentration:		5.77					
Client ID:	**TW-11M-N**									
Q2815-23	TW-11M-N	Water	Acetone		11.6		1.50	3.80	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-23	TW-11M-N	Water	Carbon Disulfide		0.41	J	0.21	0.75	1.00	ug/L
Q2815-23	TW-11M-N	Water	m/p-Xylenes		0.39	J	0.24	1.00	2.00	ug/L
Q2815-23	TW-11M-N	Water	o-Xylene		0.53	J	0.12	0.50	1.00	ug/L
			Total Voc :		12.9					
Q2815-23	TW-11M-N	Water	Naphthalene, 1-methyl-	*	5.90	J	0		0	ug/L
Q2815-23	TW-11M-N	Water	Indane	*	26.1	J	0		0	ug/L
Q2815-23	TW-11M-N	Water	1,2,4-Trimethylbenzene	*	0.38	J	0.14		1.00	ug/L
			Total Tics :		32.4					
			Total Concentration:		45.3					

SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047377.D	1	08/18/25 13:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.40	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047377.D	1	08/18/25 13:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.8		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.6		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	311000	5.568				
540-36-3	1,4-Difluorobenzene	608000	6.769				
3114-55-4	Chlorobenzene-d5	595000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	296000	12.018				

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047377.D	1	08/18/25 13:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047378.D	1	08/18/25 13:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.20	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047378.D	1	08/18/25 13:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.7		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.8		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.9		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	303000	5.568				
540-36-3	1,4-Difluorobenzene	599000	6.769				
3114-55-4	Chlorobenzene-d5	595000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	292000	12.018				

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047378.D	1	08/18/25 13:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047379.D	1	08/18/25 14:10	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	7.70		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	1.40		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047379.D	1	08/18/25 14:10	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.5		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	308000	5.568				
540-36-3	1,4-Difluorobenzene	606000	6.769				
3114-55-4	Chlorobenzene-d5	600000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	295000	12.018				

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047379.D	1	08/18/25 14:10	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047380.D	1	08/18/25 14:31	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.40		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047380.D	1	08/18/25 14:31	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.3		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	310000	5.562				
540-36-3	1,4-Difluorobenzene	608000	6.769				
3114-55-4	Chlorobenzene-d5	591000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	297000	12.018				

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047380.D	1	08/18/25 14:31	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047381.D	1	08/18/25 14:53	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.20	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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Fax : 908 789 8922

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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047381.D	1	08/18/25 14:53	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.2		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	50.4		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	310000	5.568				
540-36-3	1,4-Difluorobenzene	614000	6.769				
3114-55-4	Chlorobenzene-d5	600000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	298000	12.018				

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047381.D	1	08/18/25 14:53	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047329.D	1	08/13/25 17:40	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	7.90		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.45	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.51	J	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.61	J	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047329.D	1	08/13/25 17:40	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.8		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	42.1	*	89 - 112		84%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.6		85 - 114		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	208000	5.568				
540-36-3	1,4-Difluorobenzene	380000	6.775				
3114-55-4	Chlorobenzene-d5	355000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	180000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047329.D	1	08/13/25 17:40	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	7.10	J			1.27	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-NRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-06RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047382.D	1	08/18/25 15:14	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	7.20		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-10P-NRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-06RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047382.D	1	08/18/25 15:14	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.6		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.5		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.3	*	85 - 114		117%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	232000	5.562				
540-36-3	1,4-Difluorobenzene	447000	6.769				
3114-55-4	Chlorobenzene-d5	456000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	237000	12.018				

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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-10P-NRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-06RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047382.D	1	08/18/25 15:14	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047330.D	1	08/13/25 18:02	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.60		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.29	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.46	J	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047330.D	1	08/13/25 18:02	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.8		81 - 118		116%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		80 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	44.7		89 - 112		89%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	227000	5.568				
540-36-3	1,4-Difluorobenzene	420000	6.775				
3114-55-4	Chlorobenzene-d5	390000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	198000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047330.D	1	08/13/25 18:02	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047383.D	1	08/18/25 15:35	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.30		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	13.5		0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047383.D	1	08/18/25 15:35	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.3		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.7		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.0		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	210000	5.562				
540-36-3	1,4-Difluorobenzene	408000	6.769				
3114-55-4	Chlorobenzene-d5	407000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	210000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047383.D	1	08/18/25 15:35	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047384.D	1	08/18/25 15:57	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.70	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.72	J	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.41	J	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047384.D	1	08/18/25 15:57	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.6		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.6		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.3		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	290000	5.568				
540-36-3	1,4-Difluorobenzene	575000	6.769				
3114-55-4	Chlorobenzene-d5	568000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	285000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047384.D	1	08/18/25 15:57	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047385.D	1	08/18/25 16:18	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.70		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.41	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047385.D	1	08/18/25 16:18	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.4		81 - 118		111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.4		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	302000	5.568				
540-36-3	1,4-Difluorobenzene	599000	6.769				
3114-55-4	Chlorobenzene-d5	586000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	292000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047385.D	1	08/18/25 16:18	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047404.D	1	08/19/25 12:16	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.40	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	1.00		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047404.D	1	08/19/25 12:16	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.5		81 - 118		107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.0		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	192000	5.562				
540-36-3	1,4-Difluorobenzene	380000	6.769				
3114-55-4	Chlorobenzene-d5	375000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	187000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047404.D	1	08/19/25 12:16	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	140	J			1.28	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047406.D	1	08/19/25 12:59	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.70		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	1.20		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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

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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047406.D	1	08/19/25 12:59	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.2		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.9		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	192000	5.562				
540-36-3	1,4-Difluorobenzene	379000	6.769				
3114-55-4	Chlorobenzene-d5	378000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	187000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047406.D	1	08/19/25 12:59	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	11.6	J			1.27	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047388.D	1	08/18/25 17:22	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.00	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047388.D	1	08/18/25 17:22	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.7		81 - 118		107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	50.1		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	277000	5.568				
540-36-3	1,4-Difluorobenzene	541000	6.769				
3114-55-4	Chlorobenzene-d5	526000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	264000	12.018				

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047388.D	1	08/18/25 17:22	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047389.D	1	08/18/25 17:44	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	6.10		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	3.30		0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047389.D	1	08/18/25 17:44	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.2		81 - 118		114%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.5		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	217000	5.562				
540-36-3	1,4-Difluorobenzene	436000	6.769				
3114-55-4	Chlorobenzene-d5	440000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	227000	12.018				

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047389.D	1	08/18/25 17:44	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047390.D	1	08/18/25 18:05	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	7.30		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047390.D	1	08/18/25 18:05	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.6		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.7		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	250000	5.568				
540-36-3	1,4-Difluorobenzene	486000	6.769				
3114-55-4	Chlorobenzene-d5	487000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	241000	12.018				

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047390.D	1	08/18/25 18:05	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047391.D	1	08/18/25 18:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047391.D	1	08/18/25 18:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.2		81 - 118		106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	53.4		89 - 112		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.2	*	85 - 114		116%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	267000	5.568				
540-36-3	1,4-Difluorobenzene	513000	6.769				
3114-55-4	Chlorobenzene-d5	504000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	254000	12.018				

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047391.D	1	08/18/25 18:27	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-17M-SRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-16RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047407.D	1	08/19/25 13:20	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-17M-SRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-16RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047407.D	1	08/19/25 13:20	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.4		81 - 118		109%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	53.0		89 - 112		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	59.0	*	85 - 114		118%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	215000	5.568				
540-36-3	1,4-Difluorobenzene	423000	6.769				
3114-55-4	Chlorobenzene-d5	414000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	214000	12.018				

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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-17M-SRE	SDG No.:	Q2815
Lab Sample ID:	Q2815-16RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047407.D	1	08/19/25 13:20	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047392.D	1	08/18/25 18:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.60		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047392.D	1	08/18/25 18:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.1		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	215000	5.568				
540-36-3	1,4-Difluorobenzene	426000	6.769				
3114-55-4	Chlorobenzene-d5	427000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	221000	12.018				

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047392.D	1	08/18/25 18:48	VX081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047419.D	1	08/19/25 17:39	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	4.80	J	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047419.D	1	08/19/25 17:39	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.3		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.1		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.1		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	258000	5.568				
540-36-3	1,4-Difluorobenzene	524000	6.769				
3114-55-4	Chlorobenzene-d5	526000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	265000	12.018				

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047419.D	1	08/19/25 17:39	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047420.D	1	08/19/25 18:00	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.70		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047420.D	1	08/19/25 18:00	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.3		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.7		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.9		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	216000	5.562				
540-36-3	1,4-Difluorobenzene	430000	6.769				
3114-55-4	Chlorobenzene-d5	432000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	229000	12.018				

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047420.D	1	08/19/25 18:00	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047412.D	1	08/19/25 15:11	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.40		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.69	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.42	J	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047412.D	1	08/19/25 15:11	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.9		81 - 118		112%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	49.7		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	205000	5.568				
540-36-3	1,4-Difluorobenzene	411000	6.769				
3114-55-4	Chlorobenzene-d5	413000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	212000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047412.D	1	08/19/25 15:11	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	96.8	J			1.28	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047413.D	1	08/19/25 15:32	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	21.3		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.57	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	3.60	J	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047413.D	1	08/19/25 15:32	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.7	*	81 - 118		123%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	50.8		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.1	*	85 - 114		116%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	212000	5.568				
540-36-3	1,4-Difluorobenzene	433000	6.769				
3114-55-4	Chlorobenzene-d5	450000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	234000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047413.D	1	08/19/25 15:32	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	13.3	J			1.27	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-ERE	SDG No.:	Q2815
Lab Sample ID:	Q2815-21RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047432.D	1	08/20/25 11:28	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	15.8		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-ERE	SDG No.:	Q2815
Lab Sample ID:	Q2815-21RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047432.D	1	08/20/25 11:28	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.6	*	81 - 118		119%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	51.9		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.5	*	85 - 114		117%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	289000	5.568				
540-36-3	1,4-Difluorobenzene	597000	6.769				
3114-55-4	Chlorobenzene-d5	600000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	299000	12.018				

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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-ERE	SDG No.:	Q2815
Lab Sample ID:	Q2815-21RE	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047432.D	1	08/20/25 11:28	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047433.D	1	08/20/25 11:49	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	5.00		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.77	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047433.D	1	08/20/25 11:49	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.9		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.4		89 - 112		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	275000	5.568				
540-36-3	1,4-Difluorobenzene	538000	6.769				
3114-55-4	Chlorobenzene-d5	528000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	265000	12.018				

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047433.D	1	08/20/25 11:49	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047415.D	1	08/19/25 16:14	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	11.6		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.41	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047415.D	1	08/19/25 16:14	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	0.39	J	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.53	J	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.7		81 - 118		117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.3		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.1		85 - 114		114%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	204000	5.568				
540-36-3	1,4-Difluorobenzene	415000	6.769				
3114-55-4	Chlorobenzene-d5	422000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	219000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047415.D	1	08/19/25 16:14	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
95-63-6	1,2,4-Trimethylbenzene	0.38	J			11.8	ug/L
000496-11-7	Indane	26.1	J			12.2	ug/L
000090-12-0	Naphthalene, 1-methyl-	5.90	J			14.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	TB	SDG No.:	Q2815
Lab Sample ID:	Q2815-24	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047408.D	1	08/19/25 13:41	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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:	TB	SDG No.:	Q2815
Lab Sample ID:	Q2815-24	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047408.D	1	08/19/25 13:41	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.0		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	49.8		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		85 - 114		112%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	206000	5.568				
540-36-3	1,4-Difluorobenzene	408000	6.769				
3114-55-4	Chlorobenzene-d5	405000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	204000	12.018				

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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:	TB	SDG No.:	Q2815
Lab Sample ID:	Q2815-24	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047408.D	1	08/19/25 13:41	VX081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047434.D	1	08/20/25 12:11	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.22	0.50	1.00	ug/L
74-87-3	Chloromethane	0.50	U	0.32	0.50	1.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	1.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.75	U	0.47	0.75	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.33	0.50	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	1.00	ug/L
67-64-1	Acetone	3.80	U	1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	1.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.27	0.75	1.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.28	0.50	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.23	0.50	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	1.00	ug/L
110-82-7	Cyclohexane	2.50	U	1.50	2.50	5.00	ug/L
78-93-3	2-Butanone	2.50	U	0.98	2.50	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.19	0.75	1.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.22	0.50	1.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.50	U	0.20	0.50	1.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.16	0.50	1.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.50	U	0.22	0.50	1.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.20	0.50	1.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.22	0.50	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.68	2.50	5.00	ug/L
108-88-3	Toluene	0.50	U	0.14	0.50	1.00	ug/L

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047434.D	1	08/20/25 12:11	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.17	0.50	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.16	0.50	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	1.00	ug/L
591-78-6	2-Hexanone	2.50	U	0.89	2.50	5.00	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.15	0.50	1.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	1.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	1.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.13	0.50	1.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.24	1.00	2.00	ug/L
95-47-6	o-Xylene	0.50	U	0.12	0.50	1.00	ug/L
100-42-5	Styrene	0.50	U	0.15	0.50	1.00	ug/L
75-25-2	Bromoform	0.50	U	0.19	0.50	1.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.12	0.50	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.26	0.50	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.19	0.50	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.16	0.50	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	0.53	0.75	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.20	0.50	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.75	U	0.20	0.75	1.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.0		81 - 118		112%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	51.0		89 - 112		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		85 - 114		113%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	318000	5.568				
540-36-3	1,4-Difluorobenzene	633000	6.769				
3114-55-4	Chlorobenzene-d5	620000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	314000	12.018				

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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:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047434.D	1	08/20/25 12:11	VX082025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2815-01	**TW-705R-S**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-02	**TW-10PC-W**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-03	**TW-10P-E**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-04	**TW-10P-S**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-05	**TW-10P-W**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-06	**TW-10P-N**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2815-06RE	**TW-10P-NRE**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-07	**TW-88H-E**	**Water**			**08/07/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2815-08	**TW-88H-N**	**Water**			**08/07/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-09	**TW-88H-W**	**Water**			**08/07/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-10	**TW-88H-S**	**Water**			**08/07/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/18/25	
Q2815-11	**TW-22M-W**	**Water**			**08/08/25**			**08/08/25**

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LAB CHRONICLE

			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-12	**TW-22M-S**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-13	**TW-22M-E**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/18/25	
Q2815-14	**TW-22M-N**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/18/25	
Q2815-15	**TW-17M-E**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/18/25	
Q2815-16	**TW-17M-S**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/18/25	
Q2815-16RE	**TW-17M-SRE**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-17	**TW-84SB-S**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/18/25	
Q2815-18	**TW-84SB-W**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-19	**DUP**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-20	**TW-11M-W**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-21	**TW-11M-E**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	
Q2815-21RE	**TW-11M-ERE**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/20/25	
Q2815-22	**TW-11M-S**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/20/25	
Q2815-23	**TW-11M-N**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/19/25	

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LAB CHRONICLE

Q2815-24	**TB**	**Water**		**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low	08/19/25	
Q2815-26	**FB**	**Water**		**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low	08/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-705R-S										
Q2815-01	TW-705R-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	14.700	AB	0		0	ug/L
Q2815-01	TW-705R-S	WATER	Benzophenone	*	4.100	J	0		0	ug/L
Q2815-01	TW-705R-S	WATER	Butane, 2-methoxy-2-methyl-	*	38.800	J	0		0	ug/L
			Total Tics :		**57.60**					
			Total Concentration:		**57.60**					
Client ID : TW-10PC-W										
Q2815-02	TW-10PC-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.500	AB	0		0	ug/L
Q2815-02	TW-10PC-W	WATER	Benzophenone	*	4.900	J	0		0	ug/L
Q2815-02	TW-10PC-W	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0		0	ug/L
			Total Tics :		**112.40**					
			Total Concentration:		**112.40**					
Client ID : TW-10P-E										
Q2815-03	TW-10P-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	11.700	AB	0		0	ug/L
Q2815-03	TW-10P-E	WATER	Benzophenone	*	5.100	J	0		0	ug/L
Q2815-03	TW-10P-E	WATER	Butane, 2-methoxy-2-methyl-	*	91.500	J	0		0	ug/L
Q2815-03	TW-10P-E	WATER	n-Hexadecanoic acid	*	2.200	J	0		0	ug/L
			Total Tics :		**110.50**					
			Total Concentration:		**110.50**					
Client ID : TW-10P-S										
Q2815-04	TW-10P-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.200	AB	0		0	ug/L
Q2815-04	TW-10P-S	WATER	Benzophenone	*	6.500	J	0		0	ug/L
Q2815-04	TW-10P-S	WATER	Butane, 2-methoxy-2-methyl-	*	92.600	J	0		0	ug/L
Q2815-04	TW-10P-S	WATER	n-Hexadecanoic acid	*	2.200	J	0		0	ug/L
			Total Tics :		**110.50**					
			Total Concentration:		**110.50**					
Client ID : TW-10P-W										
Q2815-05	TW-10P-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	13.200	AB	0		0	ug/L
Q2815-05	TW-10P-W	WATER	Benzophenone	*	4.100	J	0		0	ug/L
Q2815-05	TW-10P-W	WATER	Butane, 2-methoxy-2-methyl-	*	89.400	J	0		0	ug/L
Q2815-05	TW-10P-W	WATER	Hexacosane	*	2.800	J	0		0	ug/L
			Total Tics :		**109.50**					
			Total Concentration:		**109.50**					
Client ID : TW-10P-N										
Q2815-06	TW-10P-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	35.400	AB	0		0	ug/L
Q2815-06	TW-10P-N	WATER	Benzophenone	*	3.700	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-06	TW-10P-N	WATER	Butane, 2-methoxy-2-methyl-	*	94.500	J	0		0	ug/L
			Total Tics :		**133.60**					
			Total Concentration:		**133.60**					
Client ID :	**TW-88H-E**									
Q2815-07	TW-88H-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	11.100	AB	0		0	ug/L
Q2815-07	TW-88H-E	WATER	Benzophenone	*	6.800	J	0		0	ug/L
Q2815-07	TW-88H-E	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0		0	ug/L
Q2815-07	TW-88H-E	WATER	n-Hexadecanoic acid	*	2.900	J	0		0	ug/L
Q2815-07	TW-88H-E	WATER	Tetratetracontane	*	4.000	J	0		0	ug/L
			Total Tics :		**124.80**					
			Total Concentration:		**124.80**					
Client ID :	**TW-88H-N**									
Q2815-08	TW-88H-N	WATER	Bis(2-ethylhexyl)phthalate		5.400		1.6	4	5	ug/L
			Total Svoc :		**5.40**					
Q2815-08	TW-88H-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.500	AB	0		0	ug/L
Q2815-08	TW-88H-N	WATER	Benzophenone	*	7.600	J	0		0	ug/L
Q2815-08	TW-88H-N	WATER	Butane, 2-methoxy-2-methyl-	*	96.100	J	0		0	ug/L
Q2815-08	TW-88H-N	WATER	Hexadecanoic acid, 1,1-dimethyle	*	3.100	J	0		0	ug/L
Q2815-08	TW-88H-N	WATER	n-Hexadecanoic acid	*	5.900	J	0		0	ug/L
			Total Tics :		**122.20**					
			Total Concentration:		**127.60**					
Client ID :	**TW-88H-W**									
Q2815-09	TW-88H-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.300	AB	0		0	ug/L
Q2815-09	TW-88H-W	WATER	Benzophenone	*	4.400	J	0		0	ug/L
Q2815-09	TW-88H-W	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	J	0		0	ug/L
Q2815-09	TW-88H-W	WATER	n-Hexadecanoic acid	*	3.300	J	0		0	ug/L
Q2815-09	TW-88H-W	WATER	Tritetracontane	*	2.400	J	0		0	ug/L
			Total Tics :		**129.40**					
			Total Concentration:		**129.40**					
Client ID :	**TW-88H-S**									
Q2815-10	TW-88H-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.200	AB	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Benzophenone	*	6.300	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Butane, 2-methoxy-2-methyl-	*	66.000	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Eicosane	*	2.200	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Hexadecanoic acid, 2-methylprop	*	4.100	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Hexadecanoic acid, butyl ester	*	10.600	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	n-Hexadecanoic acid	*	10.300	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Octacosane	*	2.400	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Octadecane	*	2.100	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-10	TW-88H-S	WATER	Octadecanoic acid	*	4.800	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Octadecanoic acid, 2-methylpropy	*	2.100	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Octadecanoic acid, butyl ester	*	7.800	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	Oxalic acid, isobutyl pentadecyl e	*	4.800	J	0		0	ug/L
Q2815-10	TW-88H-S	WATER	unknown20.595	*	6.800	J	0		0	ug/L
			Total Tics :		**136.50**					
			Total Concentration:		**136.50**					
Client ID :	**TW-22M-W**									
Q2815-11	TW-22M-W	WATER	Naphthalene		3.700	J	0.5	4	5	ug/L
			Total Svoc :		**3.70**					
Q2815-11	TW-22M-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	10.800	AB	0		0	ug/L
Q2815-11	TW-22M-W	WATER	Benzophenone	*	8.600	J	0		0	ug/L
Q2815-11	TW-22M-W	WATER	Bromoacetic acid, hexadecyl ester	*	2.900	J	0		0	ug/L
Q2815-11	TW-22M-W	WATER	Butane, 2-methoxy-2-methyl-	*	93.300	J	0		0	ug/L
Q2815-11	TW-22M-W	WATER	Hexadecanoic acid, butyl ester	*	3.800	J	0		0	ug/L
			Total Tics :		**119.40**					
			Total Concentration:		**123.10**					
Client ID :	**TW-22M-S**									
Q2815-12	TW-22M-S	WATER	2,6-Naphthalenedione, octahydro-	*	4.900	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.000	AB	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Benzophenone	*	8.600	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Butane, 2-methoxy-2-methyl-	*	78.400	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Cyclohexane, 1,1,2-trimethyl-	*	4.700	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Cyclohexane, 2-butyl-1,1,3-trimet	*	4.300	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Decane, 2,6,7-trimethyl-	*	21.300	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Decane, 5-propyl-	*	39.600	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Dodecane, 2,6,10-trimethyl-	*	17.700	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Heptacosane	*	22.500	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Heptadecane, 4-methyl-	*	8.900	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Hexadecane, 1-iodo-	*	38.100	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Tridecane, 4-methyl-	*	66.700	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	Undecane, 2,6-dimethyl-	*	5.700	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown10.222	*	9.100	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown8.386	*	3.200	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown9.086	*	4.300	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown9.204	*	3.200	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown9.369	*	22.200	J	0		0	ug/L
Q2815-12	TW-22M-S	WATER	unknown9.839	*	8.800	J	0		0	ug/L
			Total Tics :		**380.20**					

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:		**380.20**					
Client ID :	**TW-22M-E**									
Q2815-13	TW-22M-E	WATER	1-Heneicosanol	*	10.300	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	2-(N,N-Bis(2-chloroethyl)amino)r	*	5.100	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	310.000	AB	0		0	ug/L
Q2815-13	TW-22M-E	WATER	Benzophenone	*	17.500	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	Butane, 2-methoxy-2-methyl-	*	70.100	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	Maleic hydrazide	*	5.000	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	Methanone, (1-hydroxycyclohexy	*	2.200	J	0		0	ug/L
Q2815-13	TW-22M-E	WATER	unknown7.92	*	7.900	J	0		0	ug/L
			Total Tics :		**428.10**					
			Total Concentration:		**428.10**					
Client ID :	**TW-22M-N**									
Q2815-14	TW-22M-N	WATER	1-Docosene	*	8.100	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.400	AB	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Benzophenone	*	8.000	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Butane, 2-methoxy-2-methyl-	*	78.700	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Hentriacontane, 3-methyl-	*	3.300	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	n-Hexadecanoic acid	*	9.600	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Nonacosane	*	2.100	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Octadecanoic acid	*	3.000	J	0		0	ug/L
Q2815-14	TW-22M-N	WATER	Triacontane	*	2.700	J	0		0	ug/L
			Total Tics :		**123.90**					
			Total Concentration:		**123.90**					
Client ID :	**TW-17M-E**									
Q2815-15	TW-17M-E	WATER	1-Acetoxynonadecane	*	2.000	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	11.200	AB	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Benzophenone	*	7.700	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Eicosane	*	2.400	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Ethanol, 2-(2-butoxyethoxy)-	*	8.800	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Heptadecane	*	2.500	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Hexacosane	*	2.300	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Hexadecanoic acid, 2-methylpropy	*	4.900	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Hexadecanoic acid, butyl ester	*	9.100	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Hexatriacontane	*	2.500	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	n-Hexadecanoic acid	*	5.600	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Octacosane	*	2.400	J	0		0	ug/L
Q2815-15	TW-17M-E	WATER	Octadecanoic acid, 2-methylpropy	*	3.000	J	0		0	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-15	TW-17M-E	WATER	Octadecanoic acid, butyl ester	*	5.800	J	0		0	ug/L
			Total Tics :		**170.20**					
			Total Concentration:		**170.20**					
Client ID :	**TW-17M-S**									
Q2815-16	TW-17M-S	WATER	1-Heneicosyl formate	*	7.000	J	0		0	ug/L
Q2815-16	TW-17M-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.900	AB	0		0	ug/L
Q2815-16	TW-17M-S	WATER	Benzophenone	*	11.100	J	0		0	ug/L
Q2815-16	TW-17M-S	WATER	Butane, 2-methoxy-2-methyl-	*	78.700	J	0		0	ug/L
Q2815-16	TW-17M-S	WATER	Ethanol, 1-(2-butoxyethoxy)-	*	2.000	J	0		0	ug/L
Q2815-16	TW-17M-S	WATER	n-Hexadecanoic acid	*	15.100	J	0		0	ug/L
Q2815-16	TW-17M-S	WATER	Octadecanoic acid	*	5.400	J	0		0	ug/L
			Total Tics :		**128.20**					
			Total Concentration:		**128.20**					
Client ID :	**TW-84SB-S**									
Q2815-17	TW-84SB-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.300	AB	0		0	ug/L
Q2815-17	TW-84SB-S	WATER	Benzophenone	*	4.900	J	0		0	ug/L
Q2815-17	TW-84SB-S	WATER	Butane, 2-methoxy-2-methyl-	*	59.600	J	0		0	ug/L
Q2815-17	TW-84SB-S	WATER	Ethanol, 2-(tetradecyloxy)-	*	3.600	J	0		0	ug/L
Q2815-17	TW-84SB-S	WATER	n-Hexadecanoic acid	*	8.600	J	0		0	ug/L
Q2815-17	TW-84SB-S	WATER	Octadecanoic acid	*	2.600	J	0		0	ug/L
			Total Tics :		**86.60**					
			Total Concentration:		**86.60**					
Client ID :	**TW-84SB-W**									
Q2815-18	TW-84SB-W	WATER	1-Nonadecene	*	3.200	J	0		0	ug/L
Q2815-18	TW-84SB-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.300	AB	0		0	ug/L
Q2815-18	TW-84SB-W	WATER	Benzophenone	*	5.800	J	0		0	ug/L
Q2815-18	TW-84SB-W	WATER	Butane, 2-methoxy-2-methyl-	*	120.000	J	0		0	ug/L
Q2815-18	TW-84SB-W	WATER	n-Hexadecanoic acid	*	8.700	J	0		0	ug/L
			Total Tics :		**145.00**					
			Total Concentration:		**145.00**					
Client ID :	**DUP**									
Q2815-19	DUP	WATER	1-Tricosene	*	7.700	J	0		0	ug/L
Q2815-19	DUP	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.600	AB	0		0	ug/L
Q2815-19	DUP	WATER	Benzophenone	*	10.200	J	0		0	ug/L
Q2815-19	DUP	WATER	Butane, 2-methoxy-2-methyl-	*	92.600	J	0		0	ug/L
Q2815-19	DUP	WATER	n-Hexadecanoic acid	*	17.800	J	0		0	ug/L
Q2815-19	DUP	WATER	Octadecanoic acid	*	4.600	J	0		0	ug/L
Q2815-19	DUP	WATER	Propylene Glycol	*	13.400	J	0		0	ug/L
Q2815-19	DUP	WATER	Squalene	*	5.500	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Tics :		**159.40**					
			Total Concentration:		**159.40**					
Client ID :	**TW-11M-W**									
Q2815-20	TW-11M-W	WATER	1,3-Dioxolane, 2,2,4-trimethyl-	*	36.200	J	0		0	ug/L
Q2815-20	TW-11M-W	WATER	1-Tetracosene	*	4.200	J	0		0	ug/L
Q2815-20	TW-11M-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.400	AB	0		0	ug/L
Q2815-20	TW-11M-W	WATER	Benzophenone	*	6.200	J	0		0	ug/L
Q2815-20	TW-11M-W	WATER	Butane, 2-methoxy-2-methyl-	*	91.400	J	0		0	ug/L
Q2815-20	TW-11M-W	WATER	n-Hexadecanoic acid	*	7.100	J	0		0	ug/L
Q2815-20	TW-11M-W	WATER	Supraene	*	2.300	J	0		0	ug/L
			Total Tics :		**153.80**					
			Total Concentration:		**153.80**					
Client ID :	**TW-11M-E**									
Q2815-21	TW-11M-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.700	AB	0		0	ug/L
Q2815-21	TW-11M-E	WATER	6-Octadecenoic acid	*	2.700	J	0		0	ug/L
Q2815-21	TW-11M-E	WATER	Benzophenone	*	3.700	J	0		0	ug/L
Q2815-21	TW-11M-E	WATER	Butane, 2-methoxy-2-methyl-	*	90.400	J	0		0	ug/L
Q2815-21	TW-11M-E	WATER	Cyclotetracosane	*	3.500	J	0		0	ug/L
Q2815-21	TW-11M-E	WATER	n-Hexadecanoic acid	*	10.200	J	0		0	ug/L
Q2815-21	TW-11M-E	WATER	Squalene	*	5.700	J	0		0	ug/L
			Total Tics :		**122.90**					
			Total Concentration:		**122.90**					
Client ID :	**TW-11M-S**									
Q2815-22	TW-11M-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.600	AB	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Benzophenone	*	9.900	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Butane, 2-methoxy-2-methyl-	*	94.100	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	n-Hexadecanoic acid	*	12.500	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Octadecanoic acid	*	2.900	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Pentadecafluorooctanoic acid, pen	*	8.200	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Propylene Glycol	*	4.400	J	0		0	ug/L
Q2815-22	TW-11M-S	WATER	Tetraglyme	*	3.400	J	0		0	ug/L
			Total Tics :		**143.00**					
			Total Concentration:		**143.00**					
Client ID :	**TW-11M-N**									
Q2815-23	TW-11M-N	WATER	1-Heneicosyl formate	*	4.100	J	0		0	ug/L
Q2815-23	TW-11M-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.300	AB	0		0	ug/L
Q2815-23	TW-11M-N	WATER	Benzophenone	*	6.300	J	0		0	ug/L
Q2815-23	TW-11M-N	WATER	Butane, 2-methoxy-2-methyl-	*	84.900	J	0		0	ug/L
Q2815-23	TW-11M-N	WATER	n-Hexadecanoic acid	*	5.600	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2815

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2815-23	TW-11M-N	WATER	Propylene Glycol	*	6.700	J	0		0	ug/L
			Total Tics :		**113.90**					
			Total Concentration:		**113.90**					
Client ID : FB										
Q2815-26	FB	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.600	AB	0		0	ug/L
Q2815-26	FB	WATER	2-Propanol, 1-(2-butoxy-1-methyl	*	3.100	J	0		0	ug/L
Q2815-26	FB	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	J	0		0	ug/L
Q2815-26	FB	WATER	Methane, diethoxy-	*	2.100	J	0		0	ug/L
			Total Tics :		**110.80**					
			Total Concentration:		**110.80**					

SAMPLE DATA

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

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:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143403.D	1	08/12/25 11:39	08/15/25 05:52	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143403.D	1	08/12/25 11:39	08/15/25 05:52	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143403.D	1	08/12/25 11:39	08/15/25 05:52	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	11.2	*	19 - 119		7%	SPK: 150
13127-88-3	Phenol-d6	14.1	*	10 - 130		9%	SPK: 150
4165-60-0	Nitrobenzene-d5	23.4	*	44 - 120		23%	SPK: 100
321-60-8	2-Fluorobiphenyl	24.6	*	44 - 119		25%	SPK: 100
118-79-6	2,4,6-Tribromophenol	16.7	*	43 - 140		11%	SPK: 150
1718-51-0	Terphenyl-d14	22.5	*	50 - 134		22%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140000	6.934				
1146-65-2	Naphthalene-d8	534000	8.21				
15067-26-2	Acenaphthene-d10	279000	9.969				
1517-22-2	Phenanthrene-d10	395000	11.451				
1719-03-5	Chrysene-d12	244000	14.098				
1520-96-3	Perylene-d12	317000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	38.8	J			2.24	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	14.7	AB			5.15	ug/L
000119-61-9	Benzophenone	4.10	J			10.7	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143403.D	1	08/12/25 11:39	08/15/25 05:52	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143404.D	1	08/12/25 11:39	08/15/25 06:22	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143404.D	1	08/12/25 11:39	08/15/25 06:22	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143404.D	1	08/12/25 11:39	08/15/25 06:22	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	85.2		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	63.6		10 - 130		42%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		44 - 120		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.6		44 - 119		92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	161		43 - 140		107%	SPK: 150
1718-51-0	Terphenyl-d14	93.9		50 - 134		94%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.934				
1146-65-2	Naphthalene-d8	525000	8.21				
15067-26-2	Acenaphthene-d10	280000	9.969				
1517-22-2	Phenanthrene-d10	406000	11.457				
1719-03-5	Chrysene-d12	246000	14.098				
1520-96-3	Perylene-d12	307000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.29	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.50	AB			5.17	ug/L
000119-61-9	Benzophenone	4.90	J			10.7	ug/L

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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-10PC-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143404.D	1	08/12/25 11:39	08/15/25 06:22	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143405.D	1	08/12/25 11:39	08/15/25 06:51	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143405.D	1	08/12/25 11:39	08/15/25 06:51	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143405.D	1	08/12/25 11:39	08/15/25 06:51	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.0		19 - 119		63%	SPK: 150
13127-88-3	Phenol-d6	78.8		10 - 130		53%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		44 - 120		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.9		44 - 119		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		43 - 140		100%	SPK: 150
1718-51-0	Terphenyl-d14	72.0		50 - 134		72%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142000	6.934				
1146-65-2	Naphthalene-d8	539000	8.21				
15067-26-2	Acenaphthene-d10	291000	9.969				
1517-22-2	Phenanthrene-d10	417000	11.457				
1719-03-5	Chrysene-d12	249000	14.098				
1520-96-3	Perylene-d12	315000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	91.5	J			2.29	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11.7	AB			5.17	ug/L
000119-61-9	Benzophenone	5.10	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.20	J			12.0	ug/L

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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-10P-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143405.D	1	08/12/25 11:39	08/15/25 06:51	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143406.D	1	08/12/25 11:39	08/15/25 07:20	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.00	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.93	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	0.83	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.59	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.10	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.30	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	0.76	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.10	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	0.66	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	0.78	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	0.77	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	1.80	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.90	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	0.69	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.53	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	0.51	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	0.86	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	0.55	4.10	5.10	ug/L
105-60-2	Caprolactam	8.20	U	1.20	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.60	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	0.57	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	U	3.70	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.52	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	0.63	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.54	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.62	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.30	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.62	4.10	5.10	ug/L

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143406.D	1	08/12/25 11:39	08/15/25 07:20	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	0.77	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	0.94	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.10	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.56	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.10	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.40	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.62	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.20	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	0.70	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	0.69	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.64	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	1.50	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	2.90	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.59	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.41	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.00	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.60	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.51	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	0.62	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	0.73	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.20	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	0.84	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	0.51	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.00	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	0.95	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.46	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.45	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.60	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.40	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	0.50	4.10	5.10	ug/L

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143406.D	1	08/12/25 11:39	08/15/25 07:20	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	0.49	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	0.56	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	0.60	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	0.68	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	0.70	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	4.10	U	1.00	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.73	4.10	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	103		19 - 119		69%	SPK: 150
13127-88-3	Phenol-d6	83.3		10 - 130		56%	SPK: 150
4165-60-0	Nitrobenzene-d5	110		44 - 120		110%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.1		44 - 119		97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	182		43 - 140		122%	SPK: 150
1718-51-0	Terphenyl-d14	105		50 - 134		105%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135000	6.934				
1146-65-2	Naphthalene-d8	528000	8.21				
15067-26-2	Acenaphthene-d10	282000	9.969				
1517-22-2	Phenanthrene-d10	415000	11.457				
1719-03-5	Chrysene-d12	243000	14.098				
1520-96-3	Perylene-d12	303000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	92.6	J			2.30	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.20	AB			5.17	ug/L
000119-61-9	Benzophenone	6.50	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.20	J			12.0	ug/L

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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-10P-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143406.D	1	08/12/25 11:39	08/15/25 07:20	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143407.D	1	08/12/25 11:39	08/15/25 07:49	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143407.D	1	08/12/25 11:39	08/15/25 07:49	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143407.D	1	08/12/25 11:39	08/15/25 07:49	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117		19 - 119		78%	SPK: 150
13127-88-3	Phenol-d6	100		10 - 130		67%	SPK: 150
4165-60-0	Nitrobenzene-d5	113		44 - 120		113%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.6		44 - 119		98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	185		43 - 140		123%	SPK: 150
1718-51-0	Terphenyl-d14	96.3		50 - 134		96%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.934				
1146-65-2	Naphthalene-d8	549000	8.21				
15067-26-2	Acenaphthene-d10	297000	9.969				
1517-22-2	Phenanthrene-d10	438000	11.457				
1719-03-5	Chrysene-d12	268000	14.098				
1520-96-3	Perylene-d12	326000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	89.4	J			2.31	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	13.2	AB			5.17	ug/L
000119-61-9	Benzophenone	4.10	J			10.7	ug/L
000630-01-3	Hexacosane	2.80	J			13.9	ug/L

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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-10P-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-05	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143407.D	1	08/12/25 11:39	08/15/25 07:49	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143408.D	1	08/12/25 11:39	08/15/25 08:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143408.D	1	08/12/25 11:39	08/15/25 08:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143408.D	1	08/12/25 11:39	08/15/25 08:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	97.0		19 - 119		65%	SPK: 150
13127-88-3	Phenol-d6	75.4		10 - 130		50%	SPK: 150
4165-60-0	Nitrobenzene-d5	120		44 - 120		120%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		44 - 119		103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	131		43 - 140		88%	SPK: 150
1718-51-0	Terphenyl-d14	104		50 - 134		104%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137000	6.934				
1146-65-2	Naphthalene-d8	517000	8.216				
15067-26-2	Acenaphthene-d10	279000	9.969				
1517-22-2	Phenanthrene-d10	404000	11.457				
1719-03-5	Chrysene-d12	245000	14.098				
1520-96-3	Perylene-d12	305000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	94.5	J			2.30	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	35.4	AB			5.17	ug/L
000119-61-9	Benzophenone	3.70	J			10.7	ug/L

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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-10P-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-06	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143408.D	1	08/12/25 11:39	08/15/25 08:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143409.D	1	08/12/25 11:39	08/15/25 08:48	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143409.D	1	08/12/25 11:39	08/15/25 08:48	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143409.D	1	08/12/25 11:39	08/15/25 08:48	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	83.8		19 - 119		56%	SPK: 150
13127-88-3	Phenol-d6	74.0		10 - 130		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.8		44 - 120		74%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.8		44 - 119		69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		43 - 140		76%	SPK: 150
1718-51-0	Terphenyl-d14	63.6		50 - 134		64%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.934				
1146-65-2	Naphthalene-d8	542000	8.21				
15067-26-2	Acenaphthene-d10	289000	9.969				
1517-22-2	Phenanthrene-d10	429000	11.457				
1719-03-5	Chrysene-d12	260000	14.098				
1520-96-3	Perylene-d12	317000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.28	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11.1	AB			5.16	ug/L
000119-61-9	Benzophenone	6.80	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.90	J			12.0	ug/L
007098-22-8	Tetratetracontane	4.00	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143409.D	1	08/12/25 11:39	08/15/25 08:48	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143515.D	1	08/12/25 11:39	08/21/25 06:15	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143515.D	1	08/12/25 11:39	08/21/25 06:15	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.40		1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143515.D	1	08/12/25 11:39	08/21/25 06:15	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	91.0		19 - 119		61%	SPK: 150
13127-88-3	Phenol-d6	77.9		10 - 130		52%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.4		44 - 120		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		44 - 119		79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		43 - 140		82%	SPK: 150
1718-51-0	Terphenyl-d14	87.9		50 - 134		88%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.928				
1146-65-2	Naphthalene-d8	503000	8.204				
15067-26-2	Acenaphthene-d10	275000	9.963				
1517-22-2	Phenanthrene-d10	408000	11.451				
1719-03-5	Chrysene-d12	230000	14.092				
1520-96-3	Perylene-d12	281000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	96.1	J			2.28	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.50	AB			5.16	ug/L
000119-61-9	Benzophenone	7.60	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	5.90	J			12.0	ug/L
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	3.10	J			12.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143515.D	1	08/12/25 11:39	08/21/25 06:15	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143411.D	1	08/12/25 11:39	08/15/25 09:46	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143411.D	1	08/12/25 11:39	08/15/25 09:46	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143411.D	1	08/12/25 11:39	08/15/25 09:46	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	97.6		19 - 119		65%	SPK: 150
13127-88-3	Phenol-d6	74.3		10 - 130		50%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		44 - 120		108%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.3		44 - 119		99%	SPK: 100
118-79-6	2,4,6-Tribromophenol	173		43 - 140		116%	SPK: 150
1718-51-0	Terphenyl-d14	88.8		50 - 134		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.934				
1146-65-2	Naphthalene-d8	532000	8.21				
15067-26-2	Acenaphthene-d10	274000	9.969				
1517-22-2	Phenanthrene-d10	391000	11.457				
1719-03-5	Chrysene-d12	270000	14.098				
1520-96-3	Perylene-d12	333000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.30	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.30	AB			5.17	ug/L
000119-61-9	Benzophenone	4.40	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	3.30	J			12.0	ug/L
007098-21-7	Tritetracontane	2.40	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-09	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143411.D	1	08/12/25 11:39	08/15/25 09:46	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025525.D	1	08/12/25 11:39	08/21/25 03:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025525.D	1	08/12/25 11:39	08/21/25 03:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025525.D	1	08/12/25 11:39	08/21/25 03:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.4		19 - 119		52%	SPK: 150
13127-88-3	Phenol-d6	57.2		10 - 130		38%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.7		44 - 120		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.8		44 - 119		68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		43 - 140		80%	SPK: 150
1718-51-0	Terphenyl-d14	78.0		50 - 134		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224000	7.784				
1146-65-2	Naphthalene-d8	911000	10.554				
15067-26-2	Acenaphthene-d10	611000	14.395				
1517-22-2	Phenanthrene-d10	1130000	17.195				
1719-03-5	Chrysene-d12	955000	21.636				
1520-96-3	Perylene-d12	1100000	25.006				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	66.0	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.20	AB			4.95	ug/L
000119-61-9	Benzophenone	6.30	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	10.3	J			18.1	ug/L
000110-34-9	Hexadecanoic acid, 2-methylpropyl	4.10	J			19.4	ug/L
000057-11-4	Octadecanoic acid	4.80	J			19.5	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	10.6	J			19.6	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-88H-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-10	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025525.D	1	08/12/25 11:39	08/21/25 03:18	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000646-13-9	Octadecanoic acid, 2-methylpropyl	2.10	J			20.5	ug/L
	unknown20.595	6.80	J			20.6	ug/L
000123-95-5	Octadecanoic acid, butyl ester	7.80	J			20.7	ug/L
1000309-38-0	Oxalic acid, isobutyl pentadecyl e	4.80	J			21.3	ug/L
000112-95-8	Eicosane	2.20	J			21.9	ug/L
000593-45-3	Octadecane	2.10	J			22.6	ug/L
000630-02-4	Octacosane	2.40	J			23.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143514.D	1	08/12/25 11:39	08/21/25 05:47	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	3.70	J	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143514.D	1	08/12/25 11:39	08/21/25 05:47	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143514.D	1	08/12/25 11:39	08/21/25 05:47	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.0		19 - 119		45%	SPK: 150
13127-88-3	Phenol-d6	59.8		10 - 130		40%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.8		44 - 120		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.4		44 - 119		68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	67.4		43 - 140		45%	SPK: 150
1718-51-0	Terphenyl-d14	69.4		50 - 134		69%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.928				
1146-65-2	Naphthalene-d8	486000	8.204				
15067-26-2	Acenaphthene-d10	259000	9.963				
1517-22-2	Phenanthrene-d10	383000	11.451				
1719-03-5	Chrysene-d12	215000	14.092				
1520-96-3	Perylene-d12	273000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	93.3	J			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	10.8	AB			5.16	ug/L
000119-61-9	Benzophenone	8.60	J			10.7	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	3.80	J			12.9	ug/L
005454-48-8	Bromoacetic acid, hexadecyl ester	2.90	J			14.0	ug/L

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143514.D	1	08/12/25 11:39	08/21/25 05:47	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143502.D	1	08/12/25 11:39	08/21/25 00:00	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.00	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.93	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	0.83	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.59	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.10	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.30	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	0.76	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.10	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	0.66	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	0.78	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	0.77	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	1.80	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.90	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	0.69	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.53	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	0.51	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	0.86	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	0.55	4.10	5.10	ug/L
105-60-2	Caprolactam	8.20	U	1.20	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.60	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	0.57	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	U	3.70	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.52	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	0.63	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.54	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.62	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.30	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.62	4.10	5.10	ug/L

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143502.D	1	08/12/25 11:39	08/21/25 00:00	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	0.77	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	0.94	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.10	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.56	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.10	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.40	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.62	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.20	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	0.70	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	0.69	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.64	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	1.50	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	2.90	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.59	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.41	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.00	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.60	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.51	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	0.62	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	0.73	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.20	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	0.84	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	0.51	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.00	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	0.95	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.46	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.45	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.60	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.40	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	0.50	4.10	5.10	ug/L

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143502.D	1	08/12/25 11:39	08/21/25 00:00	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	0.49	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	0.56	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	0.60	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	0.68	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	0.70	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	4.10	U	1.00	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.73	4.10	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.2		19 - 119		45%	SPK: 150
13127-88-3	Phenol-d6	60.1		10 - 130		40%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.8		44 - 120		63%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.8		44 - 119		65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.4		43 - 140		59%	SPK: 150
1718-51-0	Terphenyl-d14	53.3		50 - 134		53%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.928				
1146-65-2	Naphthalene-d8	484000	8.21				
15067-26-2	Acenaphthene-d10	235000	9.969				
1517-22-2	Phenanthrene-d10	315000	11.457				
1719-03-5	Chrysene-d12	215000	14.092				
1520-96-3	Perylene-d12	267000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	78.4	J			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.00	AB			5.15	ug/L
017301-23-4	Undecane, 2,6-dimethyl-	5.70	J			8.27	ug/L
	unknown8.386	3.20	J			8.39	ug/L
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	4.30	J			8.42	ug/L
062108-25-2	Decane, 2,6,7-trimethyl-	21.3	J			8.63	ug/L
007094-26-0	Cyclohexane, 1,1,2-trimethyl-	4.70	J			8.75	ug/L

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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-22M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-12	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143502.D	1	08/12/25 11:39	08/21/25 00:00	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown9.086	4.30	J			9.09	ug/L
	unknown9.204	3.20	J			9.20	ug/L
003891-98-3	Dodecane, 2,6,10-trimethyl-	17.7	J			9.23	ug/L
	unknown9.369	22.2	J			9.37	ug/L
017312-62-8	Decane, 5-propyl-	39.6	J			9.69	ug/L
	unknown9.839	8.80	J			9.84	ug/L
	unknown10.222	9.10	J			10.2	ug/L
057289-16-4	2,6-Naphthalenedione, octahydro-1,	4.90	J			10.4	ug/L
000593-49-7	Heptacosane	22.5	J			10.6	ug/L
000119-61-9	Benzophenone	8.60	J			10.7	ug/L
026730-12-1	Tridecane, 4-methyl-	66.7	J			10.9	ug/L
000544-77-4	Hexadecane, 1-iodo-	38.1	J			11.3	ug/L
026429-11-8	Heptadecane, 4-methyl-	8.90	J			11.7	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025483.D	1	08/12/25 11:39	08/19/25 19:39	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025483.D	1	08/12/25 11:39	08/19/25 19:39	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025483.D	1	08/12/25 11:39	08/19/25 19:39	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	17.9	*	19 - 119		12%	SPK: 150
13127-88-3	Phenol-d6	6.42	*	10 - 130		4%	SPK: 150
4165-60-0	Nitrobenzene-d5	26.3	*	44 - 120		26%	SPK: 100
321-60-8	2-Fluorobiphenyl	27.1	*	44 - 119		27%	SPK: 100
118-79-6	2,4,6-Tribromophenol	21.1	*	43 - 140		14%	SPK: 150
1718-51-0	Terphenyl-d14	30.2	*	50 - 134		30%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190000	7.79				
1146-65-2	Naphthalene-d8	754000	10.56				
15067-26-2	Acenaphthene-d10	487000	14.407				
1517-22-2	Phenanthrene-d10	1010000	17.207				
1719-03-5	Chrysene-d12	1050000	21.642				
1520-96-3	Perylene-d12	1170000	25.024				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	70.1	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	AB			4.97	ug/L
000123-33-1	Maleic hydrazide	5.00	J			15.6	ug/L
	unknown7.92	7.90	J			15.7	ug/L
000119-61-9	Benzophenone	17.5	J			15.8	ug/L
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	2.20	J			16.4	ug/L
014628-36-5	2-(N,N-Bis(2-chloroethyl)amino)met	5.10	J			21.0	ug/L

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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-22M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-13	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025483.D	1	08/12/25 11:39	08/19/25 19:39	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
015594-90-8	1-Heneicosanol	10.3	J			21.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025484.D	1	08/12/25 11:39	08/19/25 20:21	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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Fax : 908 789 8922

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-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025484.D	1	08/12/25 11:39	08/19/25 20:21	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025484.D	1	08/12/25 11:39	08/19/25 20:21	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	71.3		19 - 119		48%	SPK: 150
13127-88-3	Phenol-d6	60.6		10 - 130		40%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.8		44 - 120		53%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.9		44 - 119		51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.4		43 - 140		60%	SPK: 150
1718-51-0	Terphenyl-d14	48.6	*	50 - 134		49%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.79				
1146-65-2	Naphthalene-d8	691000	10.56				
15067-26-2	Acenaphthene-d10	458000	14.401				
1517-22-2	Phenanthrene-d10	948000	17.184				
1719-03-5	Chrysene-d12	1010000	21.625				
1520-96-3	Perylene-d12	1090000	24.995				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	78.7	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.40	AB			4.95	ug/L
000119-61-9	Benzophenone	8.00	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	9.60	J			18.1	ug/L
000057-11-4	Octadecanoic acid	3.00	J			19.5	ug/L
001599-67-3	1-Docosene	8.10	J			21.3	ug/L
000638-68-6	Triacontane	2.70	J			21.9	ug/L

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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-22M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-14	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025484.D	1	08/12/25 11:39	08/19/25 20:21	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004981-99-1	Hentriacontane, 3-methyl-	3.30	J			22.6	ug/L
000630-03-5	Nonacosane	2.10	J			23.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143535.D	1	08/12/25 11:39	08/21/25 17:36	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143535.D	1	08/12/25 11:39	08/21/25 17:36	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143535.D	1	08/12/25 11:39	08/21/25 17:36	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	76.5		19 - 119		51%	SPK: 150
13127-88-3	Phenol-d6	65.8		10 - 130		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.4		44 - 120		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.4		44 - 119		69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	93.7		43 - 140		62%	SPK: 150
1718-51-0	Terphenyl-d14	58.5		50 - 134		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124000	6.928				
1146-65-2	Naphthalene-d8	464000	8.204				
15067-26-2	Acenaphthene-d10	243000	9.963				
1517-22-2	Phenanthrene-d10	341000	11.451				
1719-03-5	Chrysene-d12	246000	14.092				
1520-96-3	Perylene-d12	287000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11.2	AB			5.16	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	8.80	J			8.10	ug/L
000119-61-9	Benzophenone	7.70	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	5.60	J			12.0	ug/L
000110-34-9	Hexadecanoic acid, 2-methylpropyl	4.90	J			12.7	ug/L
000111-06-8	Hexadecanoic acid, butyl ester	9.10	J			12.9	ug/L

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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-17M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-15	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143535.D	1	08/12/25 11:39	08/21/25 17:36	PB169230

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001577-43-1	1-Acetoxynonadecane	2.00	J			12.9	ug/L
000646-13-9	Octadecanoic acid, 2-methylpropyl	3.00	J			13.4	ug/L
000123-95-5	Octadecanoic acid, butyl ester	5.80	J			13.6	ug/L
000629-78-7	Heptadecane	2.50	J			13.6	ug/L
000630-06-8	Hexatriacontane	2.50	J			13.9	ug/L
000112-95-8	Eicosane	2.40	J			14.2	ug/L
000630-02-4	Octacosane	2.40	J			14.6	ug/L
000630-01-3	Hexacosane	2.30	J			15.2	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025499.D	1	08/14/25 09:15	08/20/25 07:57	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025499.D	1	08/14/25 09:15	08/20/25 07:57	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025499.D	1	08/14/25 09:15	08/20/25 07:57	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	87.1		19 - 119		58%	SPK: 150
13127-88-3	Phenol-d6	71.4		10 - 130		48%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.1		44 - 120		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	65.9		44 - 119		66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	124		43 - 140		83%	SPK: 150
1718-51-0	Terphenyl-d14	68.3		50 - 134		68%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172000	7.79				
1146-65-2	Naphthalene-d8	677000	10.56				
15067-26-2	Acenaphthene-d10	466000	14.401				
1517-22-2	Phenanthrene-d10	991000	17.189				
1719-03-5	Chrysene-d12	1100000	21.642				
1520-96-3	Perylene-d12	1200000	25.001				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	78.7	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.90	AB			4.94	ug/L
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	2.00	J			10.3	ug/L
000119-61-9	Benzophenone	11.1	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	15.1	J			18.1	ug/L
000057-11-4	Octadecanoic acid	5.40	J			19.5	ug/L
077899-03-7	1-Heneicosyl formate	7.00	J			21.3	ug/L

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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-17M-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-16	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025499.D	1	08/14/25 09:15	08/20/25 07:57	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025498.D	1	08/14/25 09:15	08/20/25 07:16	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025498.D	1	08/14/25 09:15	08/20/25 07:16	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025498.D	1	08/14/25 09:15	08/20/25 07:16	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112		19 - 119		74%	SPK: 150
13127-88-3	Phenol-d6	92.9		10 - 130		62%	SPK: 150
4165-60-0	Nitrobenzene-d5	102		44 - 120		102%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.7		44 - 119		96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	190		43 - 140		127%	SPK: 150
1718-51-0	Terphenyl-d14	98.1		50 - 134		98%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135000	7.784				
1146-65-2	Naphthalene-d8	532000	10.56				
15067-26-2	Acenaphthene-d10	359000	14.413				
1517-22-2	Phenanthrene-d10	773000	17.201				
1719-03-5	Chrysene-d12	931000	21.654				
1520-96-3	Perylene-d12	1050000	25.018				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	59.6	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.30	AB			4.94	ug/L
000119-61-9	Benzophenone	4.90	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	8.60	J			18.1	ug/L
000057-11-4	Octadecanoic acid	2.60	J			19.5	ug/L
002136-70-1	Ethanol, 2-(tetradecyloxy)-	3.60	J			21.3	ug/L

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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-84SB-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-17	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025498.D	1	08/14/25 09:15	08/20/25 07:16	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025474.D	1	08/14/25 09:15	08/19/25 13:29	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.50	U	4.20	8.50	10.6	ug/L
108-95-2	Phenol	4.30	U	0.97	4.30	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.30	U	0.86	4.30	5.30	ug/L
95-57-8	2-Chlorophenol	4.30	U	0.62	4.30	5.30	ug/L
95-48-7	2-Methylphenol	4.30	U	1.20	4.30	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.30	U	1.40	4.30	5.30	ug/L
98-86-2	Acetophenone	4.30	U	0.79	4.30	5.30	ug/L
65794-96-9	3+4-Methylphenols	8.50	U	1.20	8.50	10.6	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.70	U	1.50	2.70	2.70	ug/L
67-72-1	Hexachloroethane	4.30	U	0.69	4.30	5.30	ug/L
98-95-3	Nitrobenzene	4.30	U	0.81	4.30	5.30	ug/L
78-59-1	Isophorone	4.30	U	0.80	4.30	5.30	ug/L
88-75-5	2-Nitrophenol	4.30	U	1.90	4.30	5.30	ug/L
105-67-9	2,4-Dimethylphenol	4.30	U	2.00	4.30	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.30	U	0.72	4.30	5.30	ug/L
120-83-2	2,4-Dichlorophenol	4.30	U	0.55	4.30	5.30	ug/L
91-20-3	Naphthalene	4.30	U	0.53	4.30	5.30	ug/L
106-47-8	4-Chloroaniline	4.30	U	0.89	4.30	5.30	ug/L
87-68-3	Hexachlorobutadiene	4.30	U	0.57	4.30	5.30	ug/L
105-60-2	Caprolactam	8.50	U	1.20	8.50	10.6	ug/L
59-50-7	4-Chloro-3-methylphenol	4.30	U	0.63	4.30	5.30	ug/L
91-57-6	2-Methylnaphthalene	4.30	U	0.60	4.30	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	8.50	U	3.90	8.50	10.6	ug/L
88-06-2	2,4,6-Trichlorophenol	4.30	U	0.54	4.30	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	4.30	U	0.66	4.30	5.30	ug/L
92-52-4	1,1-Biphenyl	4.30	U	0.56	4.30	5.30	ug/L
91-58-7	2-Chloronaphthalene	4.30	U	0.65	4.30	5.30	ug/L
88-74-4	2-Nitroaniline	4.30	U	1.30	4.30	5.30	ug/L
131-11-3	Dimethylphthalate	4.30	U	0.65	4.30	5.30	ug/L

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025474.D	1	08/14/25 09:15	08/19/25 13:29	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.30	U	0.80	4.30	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	4.30	U	0.98	4.30	5.30	ug/L
99-09-2	3-Nitroaniline	4.30	U	1.10	4.30	5.30	ug/L
83-32-9	Acenaphthene	4.30	U	0.59	4.30	5.30	ug/L
51-28-5	2,4-Dinitrophenol	8.50	U	6.40	8.50	10.6	ug/L
100-02-7	4-Nitrophenol	8.50	U	2.50	8.50	10.6	ug/L
132-64-9	Dibenzofuran	4.30	U	0.65	4.30	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	4.30	U	1.30	4.30	5.30	ug/L
84-66-2	Diethylphthalate	4.30	U	0.73	4.30	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.30	U	0.72	4.30	5.30	ug/L
86-73-7	Fluorene	4.30	U	0.67	4.30	5.30	ug/L
100-01-6	4-Nitroaniline	4.30	U	1.60	4.30	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.50	U	3.10	8.50	10.6	ug/L
86-30-6	n-Nitrosodiphenylamine	4.30	U	0.62	4.30	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	4.30	U	0.43	4.30	5.30	ug/L
118-74-1	Hexachlorobenzene	4.30	U	0.55	4.30	5.30	ug/L
1912-24-9	Atrazine	4.30	U	1.10	4.30	5.30	ug/L
87-86-5	Pentachlorophenol	8.50	U	1.70	8.50	10.6	ug/L
85-01-8	Phenanthrene	4.30	U	0.53	4.30	5.30	ug/L
120-12-7	Anthracene	4.30	U	0.65	4.30	5.30	ug/L
86-74-8	Carbazole	4.30	U	0.77	4.30	5.30	ug/L
84-74-2	Di-n-butylphthalate	4.30	U	1.30	4.30	5.30	ug/L
206-44-0	Fluoranthene	4.30	U	0.87	4.30	5.30	ug/L
129-00-0	Pyrene	4.30	U	0.53	4.30	5.30	ug/L
85-68-7	Butylbenzylphthalate	4.30	U	2.10	4.30	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	8.50	U	0.99	8.50	10.6	ug/L
56-55-3	Benzo(a)anthracene	4.30	U	0.48	4.30	5.30	ug/L
218-01-9	Chrysene	4.30	U	0.47	4.30	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.30	U	1.70	4.30	5.30	ug/L
117-84-0	Di-n-octyl phthalate	8.50	U	2.50	8.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	4.30	U	0.52	4.30	5.30	ug/L

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025474.D	1	08/14/25 09:15	08/19/25 13:29	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.30	U	0.51	4.30	5.30	ug/L
50-32-8	Benzo(a)pyrene	4.30	U	0.59	4.30	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.30	U	0.63	4.30	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.30	U	0.71	4.30	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	4.30	U	0.73	4.30	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.30	U	0.55	4.30	5.30	ug/L
123-91-1	1,4-Dioxane	4.30	U	1.10	4.30	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.30	U	0.77	4.30	5.30	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	101		19 - 119		68%	SPK: 150
13127-88-3	Phenol-d6	75.3		10 - 130		50%	SPK: 150
4165-60-0	Nitrobenzene-d5	101		44 - 120		101%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.7		44 - 119		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	176		43 - 140		117%	SPK: 150
1718-51-0	Terphenyl-d14	87.7		50 - 134		88%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140000	7.79				
1146-65-2	Naphthalene-d8	557000	10.554				
15067-26-2	Acenaphthene-d10	388000	14.401				
1517-22-2	Phenanthrene-d10	881000	17.195				
1719-03-5	Chrysene-d12	1060000	21.642				
1520-96-3	Perylene-d12	1150000	25.018				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.30	AB			4.94	ug/L
000119-61-9	Benzophenone	5.80	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	8.70	J			18.1	ug/L
018435-45-5	1-Nonadecene	3.20	J			21.3	ug/L

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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-84SB-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-18	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025474.D	1	08/14/25 09:15	08/19/25 13:29	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025475.D	1	08/14/25 09:15	08/19/25 14:10	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.00	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.93	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	0.83	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.59	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.10	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.30	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	0.76	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.10	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	0.66	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	0.78	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	0.77	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	1.80	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.90	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	0.69	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.53	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	0.51	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	0.86	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	0.55	4.10	5.10	ug/L
105-60-2	Caprolactam	8.20	U	1.20	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.60	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	0.57	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	U	3.70	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.52	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	0.63	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.54	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.62	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.30	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.62	4.10	5.10	ug/L

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025475.D	1	08/14/25 09:15	08/19/25 14:10	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	0.77	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	0.94	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.10	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.56	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.10	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.40	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.62	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.20	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	0.70	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	0.69	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.64	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	1.50	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	2.90	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.59	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.41	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.00	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.60	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.51	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	0.62	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	0.73	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.20	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	0.84	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	0.51	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.00	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	0.95	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.46	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.45	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.60	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.40	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	0.50	4.10	5.10	ug/L

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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:	DUP	SDG No.:	Q2815
Lab Sample ID:	Q2815-19	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025475.D	1	08/14/25 09:15	08/19/25 14:10	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	0.49	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	0.56	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	0.60	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	0.68	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	0.70	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	4.10	U	1.00	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.73	4.10	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	90.4		19 - 119		60%	SPK: 150
13127-88-3	Phenol-d6	68.4		10 - 130		46%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.5		44 - 120		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.4		44 - 119		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	142		43 - 140		95%	SPK: 150
1718-51-0	Terphenyl-d14	78.8		50 - 134		79%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169000	7.79				
1146-65-2	Naphthalene-d8	684000	10.566				
15067-26-2	Acenaphthene-d10	470000	14.401				
1517-22-2	Phenanthrene-d10	1020000	17.195				
1719-03-5	Chrysene-d12	1090000	21.642				
1520-96-3	Perylene-d12	1210000	25.001				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	92.6	J			3.04	ug/L
000057-55-6	Propylene Glycol	13.4	J			3.57	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.60	AB			4.94	ug/L
000119-61-9	Benzophenone	10.2	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	17.8	J			18.1	ug/L
000057-11-4	Octadecanoic acid	4.60	J			19.5	ug/L
018835-32-0	1-Tricosene	7.70	J			21.3	ug/L

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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:	DUP			SDG No.:	Q2815
Lab Sample ID:	Q2815-19			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	980	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025475.D	1	08/14/25 09:15	08/19/25 14:10	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000111-02-4	Squalene	5.50	J			23.5	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025476.D	1	08/14/25 09:15	08/19/25 14:51	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.10	U	3.90	8.10	10.1	ug/L
108-95-2	Phenol	4.00	U	0.92	4.00	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.82	4.00	5.10	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.59	4.00	5.10	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.10	ug/L
98-86-2	Acetophenone	4.00	U	0.75	4.00	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.10	U	1.10	8.10	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.66	4.00	5.10	ug/L
98-95-3	Nitrobenzene	4.00	U	0.77	4.00	5.10	ug/L
78-59-1	Isophorone	4.00	U	0.76	4.00	5.10	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.69	4.00	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.53	4.00	5.10	ug/L
91-20-3	Naphthalene	4.00	U	0.51	4.00	5.10	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.85	4.00	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.55	4.00	5.10	ug/L
105-60-2	Caprolactam	8.10	U	1.10	8.10	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.60	4.00	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.57	4.00	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.10	U	3.70	8.10	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.52	4.00	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.63	4.00	5.10	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.54	4.00	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.62	4.00	5.10	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.10	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.62	4.00	5.10	ug/L

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025476.D	1	08/14/25 09:15	08/19/25 14:51	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.76	4.00	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.93	4.00	5.10	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.10	ug/L
83-32-9	Acenaphthene	4.00	U	0.56	4.00	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.10	U	6.00	8.10	10.1	ug/L
100-02-7	4-Nitrophenol	8.10	U	2.40	8.10	10.1	ug/L
132-64-9	Dibenzofuran	4.00	U	0.62	4.00	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.10	ug/L
84-66-2	Diethylphthalate	4.00	U	0.70	4.00	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.69	4.00	5.10	ug/L
86-73-7	Fluorene	4.00	U	0.64	4.00	5.10	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.10	U	2.90	8.10	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.59	4.00	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.10	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.10	ug/L
87-86-5	Pentachlorophenol	8.10	U	1.60	8.10	10.1	ug/L
85-01-8	Phenanthrene	4.00	U	0.51	4.00	5.10	ug/L
120-12-7	Anthracene	4.00	U	0.62	4.00	5.10	ug/L
86-74-8	Carbazole	4.00	U	0.73	4.00	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.10	ug/L
206-44-0	Fluoranthene	4.00	U	0.83	4.00	5.10	ug/L
129-00-0	Pyrene	4.00	U	0.51	4.00	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.10	U	0.94	8.10	10.1	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.10	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.10	U	2.40	8.10	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.10	ug/L

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025476.D	1	08/14/25 09:15	08/19/25 14:51	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.56	4.00	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.60	4.00	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.68	4.00	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.70	4.00	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.53	4.00	5.10	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.73	4.00	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	94.6		19 - 119		63%	SPK: 150
13127-88-3	Phenol-d6	68.0		10 - 130		45%	SPK: 150
4165-60-0	Nitrobenzene-d5	99.1		44 - 120		99%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.6		44 - 119		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	171		43 - 140		114%	SPK: 150
1718-51-0	Terphenyl-d14	92.0		50 - 134		92%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149000	7.79				
1146-65-2	Naphthalene-d8	590000	10.555				
15067-26-2	Acenaphthene-d10	418000	14.401				
1517-22-2	Phenanthrene-d10	941000	17.201				
1719-03-5	Chrysene-d12	1070000	21.648				
1520-96-3	Perylene-d12	1140000	25.024				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	91.4	J			3.04	ug/L
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	36.2	J			3.46	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.40	AB			4.95	ug/L
000119-61-9	Benzophenone	6.20	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	7.10	J			18.1	ug/L
010192-32-2	1-Tetracosene	4.20	J			21.3	ug/L
007683-64-9	Supraene	2.30	J			23.5	ug/L

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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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025476.D	1	08/14/25 09:15	08/19/25 14:51	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025477.D	1	08/14/25 09:15	08/19/25 15:32	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025477.D	1	08/14/25 09:15	08/19/25 15:32	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025477.D	1	08/14/25 09:15	08/19/25 15:32	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	91.5		19 - 119		61%	SPK: 150
13127-88-3	Phenol-d6	66.4		10 - 130		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.5		44 - 120		95%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.5		44 - 119		87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		43 - 140		106%	SPK: 150
1718-51-0	Terphenyl-d14	89.3		50 - 134		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.79				
1146-65-2	Naphthalene-d8	696000	10.554				
15067-26-2	Acenaphthene-d10	476000	14.401				
1517-22-2	Phenanthrene-d10	1010000	17.207				
1719-03-5	Chrysene-d12	1100000	21.642				
1520-96-3	Perylene-d12	1200000	25.012				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	90.4	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.70	AB			4.94	ug/L
000119-61-9	Benzophenone	3.70	J			15.8	ug/L
1000336-66-8	6-Octadecenoic acid	2.70	J			18.0	ug/L
000057-10-3	n-Hexadecanoic acid	10.2	J			18.1	ug/L
000297-03-0	Cyclotetracosane	3.50	J			21.3	ug/L
000111-02-4	Squalene	5.70	J			23.5	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025477.D	1	08/14/25 09:15	08/19/25 15:32	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025478.D	1	08/14/25 09:15	08/19/25 16:13	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025478.D	1	08/14/25 09:15	08/19/25 16:13	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025478.D	1	08/14/25 09:15	08/19/25 16:13	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	95.9		19 - 119		64%	SPK: 150
13127-88-3	Phenol-d6	74.0		10 - 130		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.6		44 - 120		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.9		44 - 119		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		43 - 140		106%	SPK: 150
1718-51-0	Terphenyl-d14	87.0		50 - 134		87%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148000	7.79				
1146-65-2	Naphthalene-d8	586000	10.554				
15067-26-2	Acenaphthene-d10	384000	14.413				
1517-22-2	Phenanthrene-d10	852000	17.207				
1719-03-5	Chrysene-d12	989000	21.636				
1520-96-3	Perylene-d12	1090000	25.006				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	94.1	J			3.04	ug/L
000057-55-6	Propylene Glycol	4.40	J			3.56	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.60	AB			4.94	ug/L
000143-24-8	Tetraglyme	3.40	J			14.3	ug/L
000119-61-9	Benzophenone	9.90	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	12.5	J			18.2	ug/L
000057-11-4	Octadecanoic acid	2.90	J			19.5	ug/L

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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-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-22	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025478.D	1	08/14/25 09:15	08/19/25 16:13	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000406-04-5	Pentadecafluorooctanoic acid, pent	8.20	J			21.3	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025479.D	1	08/14/25 09:15	08/19/25 16:55	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	3.90	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.91	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	0.81	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.58	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.30	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	0.74	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.10	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.40	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	0.65	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	0.76	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	0.75	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	1.80	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.90	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	0.68	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.52	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	0.50	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	0.84	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	0.54	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.10	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.59	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	0.56	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	3.60	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.51	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	0.62	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.53	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.61	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.30	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.61	4.00	5.00	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025479.D	1	08/14/25 09:15	08/19/25 16:55	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	0.75	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	0.92	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.10	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.55	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.00	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.40	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.61	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	0.69	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.68	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.63	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	1.50	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	2.90	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.58	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.40	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.00	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.60	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.50	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	0.61	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	0.72	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.20	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	0.82	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	0.50	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	1.90	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	0.93	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.45	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.44	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.60	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.30	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	0.49	4.00	5.00	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025479.D	1	08/14/25 09:15	08/19/25 16:55	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	0.48	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	0.55	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	0.59	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	0.67	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	0.69	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	0.52	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.00	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.72	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	85.8		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	60.9		10 - 130		41%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.8		44 - 120		96%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.6		44 - 119		88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		43 - 140		106%	SPK: 150
1718-51-0	Terphenyl-d14	90.8		50 - 134		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176000	7.79				
1146-65-2	Naphthalene-d8	703000	10.56				
15067-26-2	Acenaphthene-d10	481000	14.413				
1517-22-2	Phenanthrene-d10	1020000	17.201				
1719-03-5	Chrysene-d12	1120000	21.642				
1520-96-3	Perylene-d12	1230000	25.007				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	84.9	J			3.04	ug/L
000057-55-6	Propylene Glycol	6.70	J			3.56	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.30	AB			4.94	ug/L
000119-61-9	Benzophenone	6.30	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	5.60	J			18.1	ug/L
077899-03-7	1-Heneicosyl formate	4.10	J			21.3	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025479.D	1	08/14/25 09:15	08/19/25 16:55	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025480.D	1	08/14/25 09:15	08/19/25 17:36	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.00	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.93	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	0.83	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.59	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.10	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.30	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	0.76	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.10	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.40	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	0.66	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	0.78	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	0.77	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	1.80	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.90	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	0.69	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.53	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	0.51	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	0.86	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	0.55	4.10	5.10	ug/L
105-60-2	Caprolactam	8.20	U	1.20	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.60	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	0.57	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	U	3.70	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.52	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	0.63	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.54	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.62	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.30	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.62	4.10	5.10	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025480.D	1	08/14/25 09:15	08/19/25 17:36	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	0.77	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	0.94	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.10	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.56	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.10	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.40	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.62	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.20	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	0.70	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	0.69	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.64	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	1.50	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	2.90	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.59	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.41	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.00	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.60	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.51	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	0.62	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	0.73	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.20	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	0.84	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	0.51	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.00	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	0.95	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.46	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.45	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.60	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.40	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	0.50	4.10	5.10	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025480.D	1	08/14/25 09:15	08/19/25 17:36	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	0.49	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	0.56	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	0.60	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	0.68	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	0.70	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	0.53	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	4.10	U	1.00	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.73	4.10	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	69.1		19 - 119		46%	SPK: 150
13127-88-3	Phenol-d6	42.2		10 - 130		28%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.9		44 - 120		88%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.0		44 - 119		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		43 - 140		93%	SPK: 150
1718-51-0	Terphenyl-d14	80.6		50 - 134		81%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.79				
1146-65-2	Naphthalene-d8	640000	10.56				
15067-26-2	Acenaphthene-d10	413000	14.401				
1517-22-2	Phenanthrene-d10	881000	17.195				
1719-03-5	Chrysene-d12	1060000	21.648				
1520-96-3	Perylene-d12	1160000	25.012				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.60	AB			4.95	ug/L
000462-95-3	Methane, diethoxy-	2.10	J			11.1	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	3.10	J			11.2	ug/L

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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:	8270E	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025480.D	1	08/14/25 09:15	08/19/25 17:36	PB169244

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2815-01	**TW-705R-S**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-02	**TW-10PC-W**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-03	**TW-10P-E**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-04	**TW-10P-S**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-05	**TW-10P-W**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-06	**TW-10P-N**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-07	**TW-88H-E**	**Water**			**08/07/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-08	**TW-88H-N**	**Water**			**08/07/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2815-09	**TW-88H-W**	**Water**			**08/07/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2815-10	**TW-88H-S**	**Water**			**08/07/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2815-11	**TW-22M-W**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2815-12	**TW-22M-S**	**Water**			**08/08/25**			**08/08/25**

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LAB CHRONICLE

			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2815-13	**TW-22M-E**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/19/25	
Q2815-14	**TW-22M-N**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/19/25	
Q2815-15	**TW-17M-E**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2815-16	**TW-17M-S**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/20/25	
Q2815-17	**TW-84SB-S**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/20/25	
Q2815-18	**TW-84SB-W**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-19	**DUP**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-20	**TW-11M-W**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-21	**TW-11M-E**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-22	**TW-11M-S**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-23	**TW-11M-N**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	
Q2815-26	**FB**	**Water**			**08/08/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/19/25	

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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		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-705R-S									
Q2815-01	TW-705R-S	WATER	4,4-DDE	0.54		0.0037	0.010	0.050	ug/L
Q2815-01	TW-705R-S	WATER	4,4-DDD	1.60	E	0.0071	0.025	0.050	ug/L
			Total Concentration:	**2.140**					
Client ID : TW-705R-SDL									
Q2815-01DL	TW-705R-SDL	WATER	4,4-DDE	0.54	D	0.0074	0.020	0.10	ug/L
Q2815-01DL	TW-705R-SDL	WATER	4,4-DDD	1.50	D	0.014	0.050	0.10	ug/L
			Total Concentration:	**2.040**					
Client ID : TW-22M-W									
Q2815-11	TW-22M-W	WATER	Dieldrin	0.0093	J	0.0036	0.010	0.051	ug/L
Q2815-11	TW-22M-W	WATER	4,4-DDT	0.065	P	0.0035	0.010	0.051	ug/L
Q2815-11	TW-22M-W	WATER	alpha-Chlordane	0.016	J	0.0035	0.010	0.051	ug/L
			Total Concentration:	**0.090**					

SAMPLE DATA

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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:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096855.D	1	08/12/25 10:20	08/18/25 16:30	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.010	U	0.0039	0.010	0.050	ug/L
319-85-7	beta-BHC	0.010	U	0.0049	0.010	0.050	ug/L
319-86-8	delta-BHC	0.025	U	0.011	0.025	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.010	U	0.0037	0.010	0.050	ug/L
76-44-8	Heptachlor	0.010	U	0.0027	0.010	0.050	ug/L
309-00-2	Aldrin	0.010	U	0.0036	0.010	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.025	U	0.0096	0.025	0.050	ug/L
959-98-8	Endosulfan I	0.010	U	0.0031	0.010	0.050	ug/L
60-57-1	Dieldrin	0.010	U	0.0036	0.010	0.050	ug/L
72-55-9	4,4-DDE	0.54		0.0037	0.010	0.050	ug/L
72-20-8	Endrin	0.010	U	0.0032	0.010	0.050	ug/L
33213-65-9	Endosulfan II	0.025	U	0.0079	0.025	0.050	ug/L
72-54-8	4,4-DDD	1.60	E	0.0071	0.025	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.010	U	0.0037	0.010	0.050	ug/L
50-29-3	4,4-DDT	0.010	U	0.0035	0.010	0.050	ug/L
72-43-5	Methoxychlor	0.025	U	0.011	0.025	0.050	ug/L
53494-70-5	Endrin ketone	0.025	U	0.0093	0.025	0.050	ug/L
7421-93-4	Endrin aldehyde	0.025	U	0.011	0.025	0.050	ug/L
5103-71-9	alpha-Chlordane	0.010	U	0.0035	0.010	0.050	ug/L
5103-74-2	gamma-Chlordane	0.010	U	0.0039	0.010	0.050	ug/L
8001-35-2	Toxaphene	0.50	U	0.17	0.50	1.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.5		30 - 135		52%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.2		44 - 124		71%	SPK: 20

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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:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096855.D	1	08/12/25 10:20	08/18/25 16:30	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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

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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-SDL	SDG No.:	Q2815
Lab Sample ID:	Q2815-01DL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096856.D	2	08/12/25 10:20	08/18/25 16:44	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.020	UD	0.0078	0.020	0.10	ug/L
319-85-7	beta-BHC	0.020	UD	0.0098	0.020	0.10	ug/L
319-86-8	delta-BHC	0.050	UD	0.022	0.050	0.10	ug/L
58-89-9	gamma-BHC (Lindane)	0.020	UD	0.0074	0.020	0.10	ug/L
76-44-8	Heptachlor	0.020	UD	0.0054	0.020	0.10	ug/L
309-00-2	Aldrin	0.020	UD	0.0072	0.020	0.10	ug/L
1024-57-3	Heptachlor epoxide	0.050	UD	0.019	0.050	0.10	ug/L
959-98-8	Endosulfan I	0.020	UD	0.0062	0.020	0.10	ug/L
60-57-1	Dieldrin	0.020	UD	0.0072	0.020	0.10	ug/L
72-55-9	4,4-DDE	0.54	D	0.0074	0.020	0.10	ug/L
72-20-8	Endrin	0.020	UD	0.0064	0.020	0.10	ug/L
33213-65-9	Endosulfan II	0.050	UD	0.016	0.050	0.10	ug/L
72-54-8	4,4-DDD	1.50	D	0.014	0.050	0.10	ug/L
1031-07-8	Endosulfan Sulfate	0.020	UD	0.0074	0.020	0.10	ug/L
50-29-3	4,4-DDT	0.020	UD	0.0070	0.020	0.10	ug/L
72-43-5	Methoxychlor	0.050	UD	0.022	0.050	0.10	ug/L
53494-70-5	Endrin ketone	0.050	UD	0.019	0.050	0.10	ug/L
7421-93-4	Endrin aldehyde	0.050	UD	0.022	0.050	0.10	ug/L
5103-71-9	alpha-Chlordane	0.020	UD	0.0070	0.020	0.10	ug/L
5103-74-2	gamma-Chlordane	0.020	UD	0.0078	0.020	0.10	ug/L
8001-35-2	Toxaphene	1.00	UD	0.34	1.00	2.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.7		30 - 135		53%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.7		44 - 124		74%	SPK: 20

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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-SDL	SDG No.:	Q2815
Lab Sample ID:	Q2815-01DL	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096856.D	2	08/12/25 10:20	08/18/25 16:44	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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

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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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096839.D	1	08/12/25 10:20	08/15/25 21:15	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.010	U	0.0039	0.010	0.051	ug/L
319-85-7	beta-BHC	0.010	U	0.0049	0.010	0.051	ug/L
319-86-8	delta-BHC	0.025	U	0.011	0.025	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.010	U	0.0037	0.010	0.051	ug/L
76-44-8	Heptachlor	0.010	U	0.0027	0.010	0.051	ug/L
309-00-2	Aldrin	0.010	U	0.0036	0.010	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.025	U	0.0097	0.025	0.051	ug/L
959-98-8	Endosulfan I	0.010	U	0.0031	0.010	0.051	ug/L
60-57-1	Dieldrin	0.0093	J	0.0036	0.010	0.051	ug/L
72-55-9	4,4-DDE	0.010	U	0.0037	0.010	0.051	ug/L
72-20-8	Endrin	0.010	U	0.0032	0.010	0.051	ug/L
33213-65-9	Endosulfan II	0.025	U	0.0080	0.025	0.051	ug/L
72-54-8	4,4-DDD	0.025	U	0.0072	0.025	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.010	U	0.0037	0.010	0.051	ug/L
50-29-3	4,4-DDT	0.065	P	0.0035	0.010	0.051	ug/L
72-43-5	Methoxychlor	0.025	U	0.011	0.025	0.051	ug/L
53494-70-5	Endrin ketone	0.025	U	0.0094	0.025	0.051	ug/L
7421-93-4	Endrin aldehyde	0.025	U	0.011	0.025	0.051	ug/L
5103-71-9	alpha-Chlordane	0.016	J	0.0035	0.010	0.051	ug/L
5103-74-2	gamma-Chlordane	0.010	U	0.0039	0.010	0.051	ug/L
8001-35-2	Toxaphene	0.51	U	0.17	0.51	1.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	12.7		30 - 135		64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.0		44 - 124		90%	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-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL096839.D	1	08/12/25 10:20	08/15/25 21:15	PB169225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

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

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LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2815-01	**TW-705R-S**	**WATER**			**08/06/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
			Pesticide-TCL	8081B		08/12/25	08/18/25	
Q2815-01DL	**TW-705R-SDL**	**WATER**			**08/06/25**			**08/08/25**
			Pesticide-TCL	8081B		08/12/25	08/18/25	
Q2815-11	**TW-22M-W**	**WATER**			**08/08/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2815-21	**TW-11M-E**	**WATER**			**08/08/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2815-23	**TW-11M-N**	**WATER**			**08/08/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2815-26	**FB**	**WATER**			**08/08/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	

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Fax : 908 789 8922

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

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	990 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

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
TARGETS							
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
SURROGATES							
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

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Fax : 908 789 8922

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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

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
TARGETS							
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
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.4		35 - 137		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.1		40 - 135		66%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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:	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 Decanted:
Sample Wt/Vol:	870 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

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
TARGETS							
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
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.8		35 - 137		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.8		40 - 135		59%	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
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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:	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 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

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
TARGETS							
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
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		35 - 137		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.6		40 - 135		58%	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
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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:	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 Decanted:
Sample Wt/Vol:	930 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

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
TARGETS							
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
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.8		35 - 137		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		40 - 135		88%	SPK: 20

Comments:

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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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LAB CHRONICLE

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

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

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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
Client ID : TW-705R-S									
Q2815-01	TW-705R-S	Water	Aluminum	53700		5.67	40.0	50.0	ug/L
Q2815-01	TW-705R-S	Water	Arsenic	28.3		2.56	7.50	10.0	ug/L
Q2815-01	TW-705R-S	Water	Barium	100		7.28	12.5	50.0	ug/L
Q2815-01	TW-705R-S	Water	Beryllium	2.17	J	0.28	0.75	3.00	ug/L
Q2815-01	TW-705R-S	Water	Cadmium	2.53	J	0.25	0.75	3.00	ug/L
Q2815-01	TW-705R-S	Water	Calcium	28600		117	250	1000	ug/L
Q2815-01	TW-705R-S	Water	Chromium	89.7		1.06	2.50	5.00	ug/L
Q2815-01	TW-705R-S	Water	Cobalt	18.3		1.13	3.75	15.0	ug/L
Q2815-01	TW-705R-S	Water	Copper	72.7		2.30	8.00	10.0	ug/L
Q2815-01	TW-705R-S	Water	Iron	58500		11.7	40.0	50.0	ug/L
Q2815-01	TW-705R-S	Water	Lead	177		1.15	4.80	6.00	ug/L
Q2815-01	TW-705R-S	Water	Magnesium	27900		122	250	1000	ug/L
Q2815-01	TW-705R-S	Water	Manganese	255		2.97	7.50	10.0	ug/L
Q2815-01	TW-705R-S	Water	Mercury	0.36		0.076	0.16	0.20	ug/L
Q2815-01	TW-705R-S	Water	Nickel	44.2		1.53	5.00	20.0	ug/L
Q2815-01	TW-705R-S	Water	Potassium	33900		459	800	1000	ug/L
Q2815-01	TW-705R-S	Water	Silver	3.99	J	0.81	2.50	5.00	ug/L
Q2815-01	TW-705R-S	Water	Sodium	352000		434	500	1000	ug/L
Q2815-01	TW-705R-S	Water	Vanadium	115		3.13	10.0	20.0	ug/L
Q2815-01	TW-705R-S	Water	Zinc	337		8.33	7.50	20.0	ug/L
Client ID : TW-22M-W									
Q2815-11	TW-22M-W	Water	Aluminum	28200		5.67	40.0	50.0	ug/L
Q2815-11	TW-22M-W	Water	Arsenic	37.4		2.56	7.50	10.0	ug/L
Q2815-11	TW-22M-W	Water	Barium	113		7.28	12.5	50.0	ug/L
Q2815-11	TW-22M-W	Water	Beryllium	3.10		0.28	0.75	3.00	ug/L
Q2815-11	TW-22M-W	Water	Cadmium	1.31	J	0.25	0.75	3.00	ug/L
Q2815-11	TW-22M-W	Water	Calcium	19300		117	250	1000	ug/L
Q2815-11	TW-22M-W	Water	Chromium	54.8		1.06	2.50	5.00	ug/L
Q2815-11	TW-22M-W	Water	Cobalt	7.37	J	1.13	3.75	15.0	ug/L
Q2815-11	TW-22M-W	Water	Copper	119		2.30	8.00	10.0	ug/L
Q2815-11	TW-22M-W	Water	Iron	31100		11.7	40.0	50.0	ug/L
Q2815-11	TW-22M-W	Water	Lead	99.6		1.15	4.80	6.00	ug/L
Q2815-11	TW-22M-W	Water	Magnesium	13600		122	250	1000	ug/L
Q2815-11	TW-22M-W	Water	Manganese	248		2.97	7.50	10.0	ug/L
Q2815-11	TW-22M-W	Water	Nickel	22.4		1.53	5.00	20.0	ug/L
Q2815-11	TW-22M-W	Water	Potassium	12200		459	800	1000	ug/L
Q2815-11	TW-22M-W	Water	Silver	2.00	J	0.81	2.50	5.00	ug/L

Alliance TECHNICAL GROUP
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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
Q2815-11	TW-22M-W	Water	Sodium	58900		434	500	1000	ug/L
Q2815-11	TW-22M-W	Water	Vanadium	60.4		3.13	10.0	20.0	ug/L
Q2815-11	TW-22M-W	Water	Zinc	329		8.33	7.50	20.0	ug/L
Client ID :	**TW-11M-W**								
Q2815-20	TW-11M-W	Water	Aluminum	12500		5.67	40.0	50.0	ug/L
Q2815-20	TW-11M-W	Water	Arsenic	11.0		2.56	7.50	10.0	ug/L
Q2815-20	TW-11M-W	Water	Barium	54.0		7.28	12.5	50.0	ug/L
Q2815-20	TW-11M-W	Water	Beryllium	2.70	J	0.28	0.75	3.00	ug/L
Q2815-20	TW-11M-W	Water	Cadmium	1.26	J	0.25	0.75	3.00	ug/L
Q2815-20	TW-11M-W	Water	Calcium	38100		117	250	1000	ug/L
Q2815-20	TW-11M-W	Water	Chromium	40.0		1.06	2.50	5.00	ug/L
Q2815-20	TW-11M-W	Water	Cobalt	4.19	J	1.13	3.75	15.0	ug/L
Q2815-20	TW-11M-W	Water	Copper	27.0		2.30	8.00	10.0	ug/L
Q2815-20	TW-11M-W	Water	Iron	14500		11.7	40.0	50.0	ug/L
Q2815-20	TW-11M-W	Water	Lead	41.7		1.15	4.80	6.00	ug/L
Q2815-20	TW-11M-W	Water	Magnesium	5930		122	250	1000	ug/L
Q2815-20	TW-11M-W	Water	Manganese	134		2.97	7.50	10.0	ug/L
Q2815-20	TW-11M-W	Water	Mercury	0.15	J	0.076	0.16	0.20	ug/L
Q2815-20	TW-11M-W	Water	Nickel	16.8	J	1.53	5.00	20.0	ug/L
Q2815-20	TW-11M-W	Water	Potassium	5500		459	800	1000	ug/L
Q2815-20	TW-11M-W	Water	Silver	1.21	J	0.81	2.50	5.00	ug/L
Q2815-20	TW-11M-W	Water	Sodium	14600		434	500	1000	ug/L
Q2815-20	TW-11M-W	Water	Vanadium	31.9		3.13	10.0	20.0	ug/L
Q2815-20	TW-11M-W	Water	Zinc	170		8.33	7.50	20.0	ug/L
Client ID :	**TW-11M-W**								
Q2815-25	TW-11M-W	Water	Aluminum	63.1		5.67	40.0	50.0	ug/L
Q2815-25	TW-11M-W	Water	Arsenic	2.94	J	2.56	7.50	10.0	ug/L
Q2815-25	TW-11M-W	Water	Barium	10.5	J	7.28	12.5	50.0	ug/L
Q2815-25	TW-11M-W	Water	Calcium	33300		117	250	1000	ug/L
Q2815-25	TW-11M-W	Water	Copper	6.95	J	2.30	8.00	10.0	ug/L
Q2815-25	TW-11M-W	Water	Iron	15.0	J	11.7	40.0	50.0	ug/L
Q2815-25	TW-11M-W	Water	Magnesium	4120		122	250	1000	ug/L
Q2815-25	TW-11M-W	Water	Manganese	44.9		2.97	7.50	10.0	ug/L
Q2815-25	TW-11M-W	Water	Mercury	0.18	J	0.076	0.16	0.20	ug/L
Q2815-25	TW-11M-W	Water	Potassium	3480		459	800	1000	ug/L
Q2815-25	TW-11M-W	Water	Sodium	12700		434	500	1000	ug/L
Q2815-25	TW-11M-W	Water	Vanadium	7.88	J	3.13	10.0	20.0	ug/L
Q2815-25	TW-11M-W	Water	Zinc	18.3	J	8.33	7.50	20.0	ug/L

SAMPLE DATA

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	53700		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-38-2	Arsenic	28.3		1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-39-3	Barium	100	N	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-41-7	Beryllium	2.17	JN	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-43-9	Cadmium	2.53	J	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-70-2	Calcium	28600		1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-47-3	Chromium	89.7		1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-48-4	Cobalt	18.3		1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-50-8	Copper	72.7		1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7439-89-6	Iron	58500		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7439-92-1	Lead	177		1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7439-95-4	Magnesium	27900		1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7439-96-5	Manganese	255		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7439-97-6	Mercury	0.36		1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 15:03	7470A	
7440-02-0	Nickel	44.2		1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-09-7	Potassium	33900		1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-22-4	Silver	3.99	J	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-23-5	Sodium	352000		1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-62-2	Vanadium	115		1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010
7440-66-6	Zinc	337	N	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 15:27	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	28200		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-38-2	Arsenic	37.4		1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-39-3	Barium	113	N	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-41-7	Beryllium	3.10	N	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-43-9	Cadmium	1.31	J	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-70-2	Calcium	19300		1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-47-3	Chromium	54.8		1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-48-4	Cobalt	7.37	J	1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-50-8	Copper	119		1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7439-89-6	Iron	31100		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7439-92-1	Lead	99.6		1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7439-95-4	Magnesium	13600		1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7439-96-5	Manganese	248		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 15:06	7470A	
7440-02-0	Nickel	22.4		1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-09-7	Potassium	12200		1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-22-4	Silver	2.00	J	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-23-5	Sodium	58900		1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-62-2	Vanadium	60.4		1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010
7440-66-6	Zinc	329	N	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 16:06	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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OR = Over Range
N =Spiked sample recovery not within control limits

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

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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-20	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12500		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-38-2	Arsenic	11.0		1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-39-3	Barium	54.0	N	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-41-7	Beryllium	2.70	JN	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-43-9	Cadmium	1.26	J	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-70-2	Calcium	38100		1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-47-3	Chromium	40.0		1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-48-4	Cobalt	4.19	J	1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-50-8	Copper	27.0		1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7439-89-6	Iron	14500		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7439-92-1	Lead	41.7		1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7439-95-4	Magnesium	5930		1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7439-96-5	Manganese	134		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7439-97-6	Mercury	0.15	J	1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 15:08	7470A	
7440-02-0	Nickel	16.8	J	1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-09-7	Potassium	5500		1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-22-4	Silver	1.21	J	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-23-5	Sodium	14600		1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-62-2	Vanadium	31.9		1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010
7440-66-6	Zinc	170	N	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 16:10	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

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-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-25	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	63.1		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-38-2	Arsenic	2.94	J	1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-39-3	Barium	10.5	JN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-41-7	Beryllium	0.75	UN	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-70-2	Calcium	33300		1	117	250	1000	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-50-8	Copper	6.95	J	1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7439-89-6	Iron	15.0	J	1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7439-92-1	Lead	4.80	U	1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7439-95-4	Magnesium	4120		1	122	250	1000	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7439-96-5	Manganese	44.9		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7439-97-6	Mercury	0.18	J	1	0.076	0.16	0.20	ug/L	08/14/25 10:30	08/15/25 12:32	7470A	
7440-02-0	Nickel	5.00	U	1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-09-7	Potassium	3480		1	459	800	1000	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-23-5	Sodium	12700		1	434	500	1000	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-62-2	Vanadium	7.88	J	1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010
7440-66-6	Zinc	18.3	JN	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/20/25 17:00	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	DISSOLVED METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	40.0	U	1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-39-3	Barium	12.5	UN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-41-7	Beryllium	0.75	UN	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-70-2	Calcium	250	U	1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-50-8	Copper	8.00	U	1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7439-89-6	Iron	40.0	U	1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7439-92-1	Lead	4.80	U	1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7439-95-4	Magnesium	250	U	1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7439-96-5	Manganese	7.50	U	1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 15:10	7470A	
7440-02-0	Nickel	5.00	U	1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-09-7	Potassium	800	U	1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-23-5	Sodium	500	U	1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010
7440-66-6	Zinc	7.50	UN	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 16:18	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2815-01	**TW-705R-S**	**Water**			**08/06/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2815-11	**TW-22M-W**	**Water**			**08/08/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2815-20	**TW-11M-W**	**Water**			**08/08/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2815-25	**TW-11M-W**	**Water**			**08/08/25**			**08/08/25**
			Dissolved ICP-TAL Metals	6010D		08/13/25	08/20/25	
			Dissolved Mercury	7470A		08/14/25	08/15/25	
Q2815-26	**FB**	**Water**			**08/08/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2815
COC Number 2045327

10
10.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)
COMPANY:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION
❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other _____
❑ EDD FORMAT _____

ANALYSIS
1: VOC 2: SVOC 3: Metals 4 5 6 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TW-705R-S	GW		4	8/6/25	11:21	3	2	1								
2.	[illegible]																
3.	TW-10PC-W	GW		4	8/6/25	01:30	3	2	1								
4.	TW-10P-E	GW		4	8/6/25	01:40	3	2	1								
5.	TW-10P-S	GW		4	8/6/25	01:50	3	2	1								
6.	TW 10P-W	GW		4	8/6/25	2:00	3	2	1								
7.	TW-10P-N	GW		4	8/6/25	2:10	3	2	1								
8.	TW-88H-E	GW		4	8/7/25	8:35	3	2	1								
9.	TW-88H-N	GW		4	8/7/25	8:45	3	2	1								
10.	TW-88H-W	GW		4	8/7/25	10:10	3	2	1								

PRESERVATIVES: ← Specify Preservatives — A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1 GMS	6:01	1. 8.8.25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT X COOLER TEMP 3.5 °C
Comments:

Page _____ of
CLIENT: ❑ Hand Delivered ❑ Other
Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

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(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO. Q2815
QUOTE NO.
COC Number 2045328

10
10.1

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO:		
COMPANY:	PROJECT NAME:	BILL TO: PO#:
ADDRESS:	PROJECT NO.: LOCATION:	ADDRESS:
CITY STATE: ZIP:	PROJECT MANAGER:	CITY STATE: ZIP:
ATTENTION:	e-mail:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX (RUSH) ____ DAYS*
HARDCOPY (DATA PACKAGE): ____ DAYS*
EDD: ____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ EDD FORMAT
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced
- ❑ US EPA CLP
- ❑ NYS ASP A
- ❑ NYS ASP B
- ❑ Other

ANALYSIS: 1. VOC 2. 8008 3. Metals 4. 5. 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	TW-88H-S	GW		✗	8/7/25	11:10	3	2	1								
2.	TW-22M-W	GW		✗	8/8/25	1110	3	2	1	3							
3.	TW-22M-S	GW		✗	8/8/25	1123	3	2	1								
4.	TW-22M-E	GW		✗	8/8/25	1133	3	2	1								
5.	TW-22M-N	GW		✗	8/8/25	1143	3	2	1								
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES — ← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. GMC	8·8·25 6:01	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ✗ COOLER TEMP 3.5c °C
Comments:

Page ____ of
CLIENT: ❑ Hand Delivered ❑ Other
Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

From: Yazmeen Gomez
Sent: Monday, August 11, 2025 2:55 PM
To: 'Daniel Ligon'
Cc: 'Alfred Smith'; Jordan Hedvat
Subject: RE: Bottleware Order - USACE018-44
Attachments: q2815.pdf; q2814.pdf

Good afternoon,

A few things -

- Below mentions Filtered and Unfiltered for 8 GW samples, however, we only received three unpreserved metals bottles - TW-84SB-E, TW-17M-W, and TW-11M-W.
- 8 samples not listed on the COC were received – TW-17M-E, TW-17M-S, TW-84SB-S, TW-84SB-W, TW-11M-W, TW-11M-E, TW-11M-S, TW-11M-N.
- PCB and PESTICIDE are not mentioned the GW COC's however, I went off the below request and do have PEST and PCB logged for some of the samples.
- Once I sign off the login summaries will be sent to you – please confirm everything looks good, or if anything needs to be updated.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Friday, August 1, 2025 11:03 AM
To: Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>; Daniel Ligon <DLigon@firstenvironment.com>
Cc: Alfred Smith <asmith@firstenvironment.com>
Subject: RE: Bottleware Order - USACE018-44

Hi Daniel,

Bottle order delivery for today confirmed.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Sent: Friday, August 1, 2025 8:14 AM
To: Daniel Ligon <DLigon@firstenvironment.com>
Cc: Alfred Smith <asmith@firstenvironment.com>; Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Subject: Re: Bottleware Order - USACE018-44

Hi Daniel,

We will process the bottle order for delivery. Do you need TeraCore or Encores for VOC soil? If not we will provide jars for those tests as well. Please reach out if we can help with anything else.

Regards,

Jordan

Jordan Hedvat
Account Executive, Environmental Laboratories
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3144
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Daniel Ligon <DLigon@firstenvironment.com>
Sent: Thursday, July 31, 2025 4:53 PM
To: Jordan Hedvat <Jordan.Hedvat@alliancetg.com>
Cc: Alfred Smith <asmith@firstenvironment.com>
Subject: Bottleware Order - USACE018-44

Hi Jordan – I have a bottleware order for some sampling we have next week in Long Island, NY. We'd like to have this delivered tomorrow if possible – sorry for the late email. First thing Monday morning would work as well for delivery to our office in Butler. See the following for # of samples we need with the parameters:

- 48x soil VOCs via EPA Method 8260
- 48x soil SVOCs via EPA Method 8270

- 8x soil Pesticides/PCBs via EPA Methods 8081/8082
- 8x soil TAL Metals (filtered and unfiltered)
- 48x groundwater VOCs via EPA Method 8260
- 48x groundwater SVOCs via EPA Method 8270
- 8x groundwater Pesticides/PCBs via EPA Methods 8081/8082
- 8x groundwater TAL Metals (filtered and unfiltered)
- 3 soil, 3 groundwater field duplicates
- 6 field blanks
- Trip blanks in every cooler

Let me know if this can be accommodated. Thanks!

Daniel Ligon
Environmental Specialist

First Environment, Inc.
10 Park Place, Bldg 1A, Suite 504
Butler, NJ 07405
Ph: 973-334-0003 ext. 224
Cell: 973-873-8515
DLigon@firstenvironment.com
www.firstenvironment.com

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2815 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:33:09 AM
Project Name : USACE018-44 DOD
Receive DateTime : 8/8/2025 6:01:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2815-01	TW-705R-S	Water	08/06/2025	11:21					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-02	TW-10PC-W	Water	08/06/2025	01:30					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-03	TW-10P-E	Water	08/06/2025	01:40					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-04	TW-10P-S	Water	08/06/2025	01:50					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-05	TW-10P-W	Water	08/06/2025	02:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-06	TW-10P-N	Water	08/06/2025	02:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-07	TW-88H-E	Water	08/07/2025	08:35					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-08	TW-88H-N	Water	08/07/2025	08:45					

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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

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Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-09	TW-88H-W	Water	08/07/2025	11:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-10	TW-88H-S	Water	08/07/2025	11:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-11	TW-22M-W	Water	08/08/2025	11:10						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-12	TW-22M-S	Water	08/08/2025	11:23						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-13	TW-22M-E	Water	08/08/2025	11:33						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-14	TW-22M-N	Water	08/08/2025	11:43						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q2815-15	TW-17M-E	Water	08/08/2025	00:00						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		

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

LOGIN REPORT/SAMPLE TRANSFER

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Client Name : First Environment, Inc.
Client Contact : Al Smith
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Order Date : 8/11/2025 10:33:09 AM
Project Name : USACE018-44 DOD
Receive DateTime : 8/8/2025 6:01:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2815-16	TW-17M-S	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-17	TW-84SB-S	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-18	TW-84SB-W	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-19	DUP	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-20	TW-11M-W	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-21	TW-11M-E	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-22	TW-11M-S	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2815-23	TW-11M-N	Water	08/08/2025	00:00					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2815 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
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Invoice Contact : Al Smith

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Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q2815-24	TB	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	
Q2815-26	FB	Water	08/08/2025	00:00					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinguished By : CJ
Date / Time : 8/11/25 1305

Received By : Sam
Date / Time : 08/11/25 13:05 Rgh 4

Storage Area : VOA Refridgerator Room