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 : Q2814

ATTENTION : Al Smith

Laboratory Certification ID # 20012

Table Of Contents for Q2814

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q2814

Project ID : USACE018-44 DOD

Client : First Environment, Inc.

Lab Sample Number	Client Sample Number
Q2814-01	TW-84SB-E
Q2814-02	TW-17M-N
Q2814-03	TW-17M-W
Q2814-04	TW-82H-N
Q2814-05	TW-82H-E
Q2814-06	TW-82H-S
Q2814-07	TW-82H-W
Q2814-08	TW-38M-E
Q2814-09	TW-38M-W
Q2814-10	TW-38M-N
Q2814-11	TW-38M-S
Q2814-12	TW-BP-S
Q2814-13	TW-BP-N
Q2814-14	TW-BP-E
Q2814-15	TW-BP-W
Q2814-16	FB
Q2814-17	TW-518R-S
Q2814-18	TW-518R-N
Q2814-19	TW-518R-E
Q2814-20	TW-518R-W
Q2814-21	TB
Q2814-22	TW-84SB-E
Q2814-23	TW-17M-W

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:34 pm, Aug 22, 2025

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 # Q2814
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
21 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#121-1324UIThe 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-82H-S [Toluene-d8 - 79%],
TW-82H-SRE [1,2-Dichloroethane-d4 - 119%],
TW-82H-W [Toluene-d8 - 75%],
TW-82H-WRE [1,2-Dichloroethane-d4 - 124%]
TW-BP-S [1,2-Dichloroethane-d4 - 143%, 4-Bromofluorobenzene - 135%, Dibromofluoromethane - 142%, Toluene-d8 - 122%],
TW-BP-SRE [1,2-Dichloroethane-d4 - 119%]
TW-518R-N [1,2-Dichloroethane-d4 - 124%],
TW-518R-NRE [Toluene-d8 - 113%],
TW-518R-E [1,2-Dichloroethane-d4 - 123%],
TW-518R-ERE [1 and2-Dichloroethane-d4 - 119%].
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.

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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.
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.

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.

Signature 

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2814
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
23 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 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-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe 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 except for TW-BP-S, TW-BP-N, TW-BP-E, TW-BP-W, FB, TW-BP-S, TW-BP-N, TW-BP-E, TW-BP-W and FB, Extraction out of hold due to receive late.

The Surrogate recoveries met the acceptable criteria except for TW-82H-E [2-Fluorobiphenyl - 40%, Terphenyl-d14 - 44%], TW-82H-ERE [2,4,6-Tribromophenol - 36%, 2-Fluorobiphenyl - 31%, Nitrobenzene-d5 - 35%, Terphenyl-d14 - 33%], TW-82H-S [Terphenyl-d14 - 48%], TW-518R-N [2-Fluorobiphenyl - 43%, Terphenyl-d14 - 45%], TW-518R-NRE [2-Fluorobiphenyl - 43%, Failure sample for surrogate was reanalyzed to confirm the failure and both run were reported in Hard Copy, and Terphenyl-d14 - 43%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

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The RPD for {PB169223BSD} with File ID: BF143501.D met criteria except for 3,3-Dichlorobenzidine[25%], 4-Chloroaniline[46%], due to difference in results of BS and BSD.

The Blank Spike for {PB169223BS} with File ID: BF143500.D met requirements for all samples except for 1,4-Dioxane[68%], The associate samples have no positive hit for this compound therefore no corrective action was taken.

The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.

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 . 2,4-Dinitrophenol is passing on Quadratic Regression.

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

The Continuous Calibration File ID BF143377.D met the requirements except for Bis(2-ethylhexyl)phthalate and Butylbenzylphthalate, The associate samples have no positive hit for these compounds therefore no corrective action was taken.

The Continuous Calibration File ID BF143397.D met the requirements except for Bis(2-ethylhexyl)phthalate,. The associate samples have no positive hit for these compounds therefore no corrective action was taken

The Continuous Calibration File ID BF143539.D met the requirements except for Pentachlorophenol, The associate samples have no positive hit for these compounds therefore no corrective action was taken

The Continuous Calibration File ID BP025422.D met the requirements except for Benzaldehyde The associate compound are not required for the samples under the sequences, therefore no 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.
The soil samples results are based on a dry weight basis.

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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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Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 2:34 pm, Aug 22, 2025

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2814
Test Name: PCB

A. Number of Samples and Date of Receipt:
23 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 samples except for FB.
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 File ID PO112945.D met the requirements except for Decachlorobiphenyl is failing in 1st column but passing in 2nd column therefore no corrective action taken.

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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Signature___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 2:34 pm, Aug 22, 2025

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2814
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
23 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 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 samples except for FB,sample extrextion out of hold as sample received late.
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 %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 .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

F. Manual Integration Comments:

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

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Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:34 pm, Aug 22, 2025

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2814
Test Name: Dissolved ICP-TAL Metals,Dissolved Mercury,Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
23 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 Q2814-17 had oily matrix, so to avoid damage to instrument sample is run with straight 5X dilution.

Sample Q2814-01, Q2814-03, Q2814-16, Q2814-17 analyzed as Total Metal and Sample Q2814-22, Q2814-23 analyzed as Dissolved Metal.

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Signature APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:34 pm, Aug 22, 2025

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 #: Q2814

	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

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

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID:	**TW-84SB-E**									
Q2814-01	TW-84SB-E	Water	Acetone		5.30		1.50	3.80	5.00	ug/L
Q2814-01	TW-84SB-E	Water	Carbon Disulfide		0.44	J	0.21	0.75	1.00	ug/L
			Total Voc :		5.74					
			Total Concentration:		5.74					
Client ID:	**TW-17M-N**									
Q2814-02	TW-17M-N	Water	Acetone		4.40	J	1.50	3.80	5.00	ug/L
Q2814-02	TW-17M-N	Water	Carbon Disulfide		0.65	J	0.21	0.75	1.00	ug/L
			Total Voc :		5.05					
			Total Concentration:		5.05					
Client ID:	**TW-17M-W**									
Q2814-03	TW-17M-W	Water	Acetone		4.50	J	1.50	3.80	5.00	ug/L
			Total Voc :		4.50					
			Total Concentration:		4.50					
Client ID:	**TW-82H-N**									
Q2814-04	TW-82H-N	Water	Acetone		12.4		1.50	3.80	5.00	ug/L
Q2814-04	TW-82H-N	Water	Methylene Chloride		0.31	J	0.28	0.50	1.00	ug/L
			Total Voc :		12.7					
			Total Concentration:		12.7					
Client ID:	**TW-82H-E**									
Q2814-05	TW-82H-E	Water	Acetone		9.70		1.50	3.80	5.00	ug/L
Q2814-05	TW-82H-E	Water	Carbon Disulfide		0.27	J	0.21	0.75	1.00	ug/L
Q2814-05	TW-82H-E	Water	Methyl tert-butyl Ether		0.66	J	0.16	0.50	1.00	ug/L
			Total Voc :		10.6					
			Total Concentration:		10.6					
Client ID:	**TW-82H-S**									
Q2814-06	TW-82H-S	Water	Acetone		6.00		1.50	3.80	5.00	ug/L
			Total Voc :		6.00					
			Total Concentration:		6.00					
Client ID:	**TW-82H-SRE**									
Q2814-06RE	TW-82H-SRE	Water	Acetone		9.10		1.50	3.80	5.00	ug/L
			Total Voc :		9.10					
			Total Concentration:		9.10					
Client ID:	**TW-82H-W**									
Q2814-07	TW-82H-W	Water	Acetone		5.50		1.50	3.80	5.00	ug/L
Q2814-07	TW-82H-W	Water	Carbon Disulfide		1.40		0.21	0.75	1.00	ug/L
Q2814-07	TW-82H-W	Water	Toluene		24.6		0.14	0.50	1.00	ug/L
Q2814-07	TW-82H-W	Water	Ethyl Benzene		0.34	J	0.13	0.50	1.00	ug/L
			Total Voc :		31.8					
Q2814-07	TW-82H-W	Water	Sulfur dioxide	*	94.6	J	0		0	ug/L

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Tics :		94.6					
			Total Concentration:		126					
Client ID:	**TW-82H-WRE**									
Q2814-07RE	TW-82H-WRE	Water	Acetone		17.3		1.50	3.80	5.00	ug/L
Q2814-07RE	TW-82H-WRE	Water	Carbon Disulfide		2.00		0.21	0.75	1.00	ug/L
Q2814-07RE	TW-82H-WRE	Water	Methylene Chloride		0.42	J	0.28	0.50	1.00	ug/L
Q2814-07RE	TW-82H-WRE	Water	Toluene		38.8		0.14	0.50	1.00	ug/L
Q2814-07RE	TW-82H-WRE	Water	Ethyl Benzene		0.44	J	0.13	0.50	1.00	ug/L
			Total Voc :		59.0					
			Total Concentration:		59.0					
Client ID:	**TW-38M-E**									
Q2814-08	TW-38M-E	Water	Acetone		4.00	J	1.50	3.80	5.00	ug/L
Q2814-08	TW-38M-E	Water	Carbon Disulfide		0.50	J	0.21	0.75	1.00	ug/L
Q2814-08	TW-38M-E	Water	Methylene Chloride		0.28	J	0.28	0.50	1.00	ug/L
			Total Voc :		4.78					
Q2814-08	TW-38M-E	Water	Sulfur dioxide	*	7.30	J	0		0	ug/L
			Total Tics :		7.30					
			Total Concentration:		12.1					
Client ID:	**TW-38M-W**									
Q2814-09	TW-38M-W	Water	Acetone		4.90	J	1.50	3.80	5.00	ug/L
Q2814-09	TW-38M-W	Water	Carbon Disulfide		0.45	J	0.21	0.75	1.00	ug/L
Q2814-09	TW-38M-W	Water	Methylene Chloride		0.30	J	0.28	0.50	1.00	ug/L
			Total Voc :		5.65					
			Total Concentration:		5.65					
Client ID:	**TW-38M-N**									
Q2814-10	TW-38M-N	Water	Acetone		4.40	J	1.50	3.80	5.00	ug/L
Q2814-10	TW-38M-N	Water	Carbon Disulfide		0.36	J	0.21	0.75	1.00	ug/L
			Total Voc :		4.76					
			Total Concentration:		4.76					
Client ID:	**TW-38M-S**									
Q2814-11	TW-38M-S	Water	Acetone		4.70	J	1.50	3.80	5.00	ug/L
Q2814-11	TW-38M-S	Water	Methylene Chloride		0.34	J	0.28	0.50	1.00	ug/L
			Total Voc :		5.04					
			Total Concentration:		5.04					
Client ID:	**TW-BP-S**									
Q2814-12	TW-BP-S	Water	Acetone		16.5		1.50	3.80	5.00	ug/L
Q2814-12	TW-BP-S	Water	Carbon Disulfide		0.73	J	0.21	0.75	1.00	ug/L
Q2814-12	TW-BP-S	Water	Toluene		0.33	J	0.14	0.50	1.00	ug/L
			Total Voc :		17.6					
			Total Concentration:		17.6					

Alliance TECHNICAL GROUP
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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID:	**TW-BP-SRE**									
Q2814-12RE	TW-BP-SRE	Water	Acetone		7.80		1.50	3.80	5.00	ug/L
			Total Voc :		7.80					
			Total Concentration:		7.80					
Client ID:	**TW-BP-N**									
Q2814-13	TW-BP-N	Water	Acetone		9.90		1.50	3.80	5.00	ug/L
			Total Voc :		9.90					
			Total Concentration:		9.90					
Client ID:	**TW-BP-E**									
Q2814-14	TW-BP-E	Water	Acetone		6.60		1.50	3.80	5.00	ug/L
			Total Voc :		6.60					
			Total Concentration:		6.60					
Client ID:	**TW-BP-W**									
Q2814-15	TW-BP-W	Water	Acetone		6.00		1.50	3.80	5.00	ug/L
			Total Voc :		6.00					
			Total Concentration:		6.00					
Client ID:	**FB**									
Q2814-16	FB	Water	Acetone		6.30		1.50	3.80	5.00	ug/L
			Total Voc :		6.30					
			Total Concentration:		6.30					
Client ID:	**TW-518R-S**									
Q2814-17	TW-518R-S	Water	Acetone		7.60		1.50	3.80	5.00	ug/L
Q2814-17	TW-518R-S	Water	Carbon Disulfide		0.94	J	0.21	0.75	1.00	ug/L
			Total Voc :		8.54					
			Total Concentration:		8.54					
Client ID:	**TW-518R-N**									
Q2814-18	TW-518R-N	Water	Acetone		8.80		1.50	3.80	5.00	ug/L
Q2814-18	TW-518R-N	Water	Carbon Disulfide		0.69	J	0.21	0.75	1.00	ug/L
Q2814-18	TW-518R-N	Water	Methylene Chloride		0.38	J	0.28	0.50	1.00	ug/L
			Total Voc :		9.87					
Q2814-18	TW-518R-N	Water	Sulfur dioxide	*	8.60	J	0		0	ug/L
			Total Tics :		8.60					
			Total Concentration:		18.5					
Client ID:	**TW-518R-NRE**									
Q2814-18RE	TW-518R-NRE	Water	Acetone		7.20		1.50	3.80	5.00	ug/L
Q2814-18RE	TW-518R-NRE	Water	Carbon Disulfide		0.50	J	0.21	0.75	1.00	ug/L
			Total Voc :		7.70					
			Total Concentration:		7.70					
Client ID:	**TW-518R-E**									
Q2814-19	TW-518R-E	Water	Acetone		6.40		1.50	3.80	5.00	ug/L
Q2814-19	TW-518R-E	Water	Carbon Disulfide		1.70		0.21	0.75	1.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2814-19	TW-518R-E	Water	Methylene Chloride		0.43	J	0.28	0.50	1.00	ug/L
			Total Voc :		8.53					
Q2814-19	TW-518R-E	Water	Sulfur dioxide	*	210	J	0		0	ug/L
			Total Tics :		210					
			Total Concentration:		219					
Client ID:	**TW-518R-ERE**									
Q2814-19RE	TW-518R-ERE	Water	Acetone		5.20		1.50	3.80	5.00	ug/L
Q2814-19RE	TW-518R-ERE	Water	Carbon Disulfide		1.90		0.21	0.75	1.00	ug/L
			Total Voc :		7.10					
			Total Concentration:		7.10					
Client ID:	**TW-518R-W**									
Q2814-20	TW-518R-W	Water	Acetone		8.00		1.50	3.80	5.00	ug/L
Q2814-20	TW-518R-W	Water	Carbon Disulfide		0.81	J	0.21	0.75	1.00	ug/L
Q2814-20	TW-518R-W	Water	Methyl tert-butyl Ether		0.49	J	0.16	0.50	1.00	ug/L
Q2814-20	TW-518R-W	Water	Methylene Chloride		0.33	J	0.28	0.50	1.00	ug/L
			Total Voc :		9.63					
Q2814-20	TW-518R-W	Water	Sulfur dioxide	*	70.5	J	0		0	ug/L
			Total Tics :		70.5					
			Total Concentration:		80.1					
Client ID:	**TB**									
Q2814-21	TB	Water	Acetone		3.60	J	1.50	3.80	5.00	ug/L
			Total Voc :		3.60					
			Total Concentration:		3.60					

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
VX047290.D	1	08/12/25 12:43	VX081225

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	0.44	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
VX047290.D	1	08/12/25 12:43	VX081225

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	50.2		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		80 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	45.0		89 - 112		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	249000	5.562				
540-36-3	1,4-Difluorobenzene	430000	6.769				
3114-55-4	Chlorobenzene-d5	386000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	201000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
VX047290.D	1	08/12/25 12:43	VX081225

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
VX047291.D	1	08/12/25 13:05	VX081225

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	0.65	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
VX047291.D	1	08/12/25 13:05	VX081225

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	49.7		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	55.6		89 - 112		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.0		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	351000	5.562				
540-36-3	1,4-Difluorobenzene	661000	6.769				
3114-55-4	Chlorobenzene-d5	652000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	323000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
VX047291.D	1	08/12/25 13:05	VX081225

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
VX047293.D	1	08/12/25 13:51	VX081225

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	4.50	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
VX047293.D	1	08/12/25 13:51	VX081225

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	49.9		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	45.6		89 - 112		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		85 - 114		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	251000	5.562				
540-36-3	1,4-Difluorobenzene	435000	6.769				
3114-55-4	Chlorobenzene-d5	391000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	201000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
VX047293.D	1	08/12/25 13:51	VX081225

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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	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
VX047294.D	1	08/12/25 14:13	VX081225

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	12.4		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	0.31	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	0.50	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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	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
VX047294.D	1	08/12/25 14:13	VX081225

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	50.1		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		80 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	46.0		89 - 112		92%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		85 - 114		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	249000	5.568				
540-36-3	1,4-Difluorobenzene	420000	6.769				
3114-55-4	Chlorobenzene-d5	379000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	197000	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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	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
VX047294.D	1	08/12/25 14:13	VX081225

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-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
VX047295.D	1	08/12/25 14:34	VX081225

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	9.70		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.27	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.66	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
VX047295.D	1	08/12/25 14:34	VX081225

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	48.0		81 - 118		96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	44.5		89 - 112		89%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	247000	5.568				
540-36-3	1,4-Difluorobenzene	418000	6.769				
3114-55-4	Chlorobenzene-d5	380000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	197000	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-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
VX047295.D	1	08/12/25 14:34	VX081225

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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
VX047296.D	1	08/12/25 14:56	VX081225

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	6.00		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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
VX047296.D	1	08/12/25 14:56	VX081225

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	43.1		81 - 118		86%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		80 - 119		91%	SPK: 50
2037-26-5	Toluene-d8	39.5	*	89 - 112		79%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		85 - 114		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	288000	5.568				
540-36-3	1,4-Difluorobenzene	492000	6.775				
3114-55-4	Chlorobenzene-d5	447000	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
VX047296.D	1	08/12/25 14:56	VX081225

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-82H-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-06RE	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
VX047317.D	1	08/13/25 13:18	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	9.10		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-82H-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-06RE	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
VX047317.D	1	08/13/25 13:18	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	59.7	*	81 - 118		119%	SPK: 50
1868-53-7	Dibromofluoromethane	57.2		80 - 119		114%	SPK: 50
2037-26-5	Toluene-d8	48.0		89 - 112		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	190000	5.568				
540-36-3	1,4-Difluorobenzene	346000	6.775				
3114-55-4	Chlorobenzene-d5	321000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	165000	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-82H-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-06RE	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
VX047317.D	1	08/13/25 13:18	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
VX047297.D	1	08/12/25 15:18	VX081225

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	5.50		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	24.6		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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
VX047297.D	1	08/12/25 15:18	VX081225

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	0.34	J	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	42.2		81 - 118		84%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		80 - 119		86%	SPK: 50
2037-26-5	Toluene-d8	37.6	*	89 - 112		75%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		85 - 114		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	363000	5.562				
540-36-3	1,4-Difluorobenzene	637000	6.769				
3114-55-4	Chlorobenzene-d5	569000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	291000	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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
VX047297.D	1	08/12/25 15:18	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	94.6	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-82H-WRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-07RE	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
VX047318.D	1	08/13/25 13:40	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	17.3		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	2.00		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	0.42	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	0.50	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	38.8		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-82H-WRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-07RE	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
VX047318.D	1	08/13/25 13:40	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	0.44	J	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	62.2	*	81 - 118		124%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		80 - 119		115%	SPK: 50
2037-26-5	Toluene-d8	47.5		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.6		85 - 114		111%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	176000	5.568				
540-36-3	1,4-Difluorobenzene	327000	6.775				
3114-55-4	Chlorobenzene-d5	307000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	157000	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-82H-WRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-07RE	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
VX047318.D	1	08/13/25 13:40	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
VX047298.D	1	08/12/25 15:39	VX081225

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	0.50	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	0.28	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	0.50	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,
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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-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
VX047298.D	1	08/12/25 15:39	VX081225

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	51.2		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	45.8		89 - 112		92%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.1		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	265000	5.568				
540-36-3	1,4-Difluorobenzene	455000	6.769				
3114-55-4	Chlorobenzene-d5	416000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	209000	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-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
VX047298.D	1	08/12/25 15:39	VX081225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	7.30	J			1.31	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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
VX047299.D	1	08/12/25 16:01	VX081225

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	4.90	J	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	0.30	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	0.50	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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
VX047299.D	1	08/12/25 16:01	VX081225

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	52.7		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		80 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	47.7		89 - 112		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	225000	5.568				
540-36-3	1,4-Difluorobenzene	391000	6.775				
3114-55-4	Chlorobenzene-d5	353000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	180000	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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
VX047299.D	1	08/12/25 16:01	VX081225

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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
VX047300.D	1	08/12/25 16:23	VX081225

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	0.36	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
VX047300.D	1	08/12/25 16:23	VX081225

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	50.1		81 - 118		100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	45.1		89 - 112		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.3		85 - 114		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	257000	5.568				
540-36-3	1,4-Difluorobenzene	442000	6.769				
3114-55-4	Chlorobenzene-d5	402000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	206000	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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
VX047300.D	1	08/12/25 16:23	VX081225

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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
VX047301.D	1	08/12/25 16:44	VX081225

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	4.70	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	0.50	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	0.34	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	0.50	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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
VX047301.D	1	08/12/25 16:44	VX081225

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	54.0		81 - 118		108%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		80 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	48.4		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.9		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	218000	5.574				
540-36-3	1,4-Difluorobenzene	375000	6.775				
3114-55-4	Chlorobenzene-d5	340000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	176000	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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
VX047301.D	1	08/12/25 16:44	VX081225

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
VX047302.D	1	08/12/25 17:06	VX081225

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	16.5		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.73	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	0.33	J	0.14	0.50	1.00	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
VX047302.D	1	08/12/25 17:06	VX081225

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	71.5	*	81 - 118		143%	SPK: 50
1868-53-7	Dibromofluoromethane	71.2	*	80 - 119		142%	SPK: 50
2037-26-5	Toluene-d8	60.9	*	89 - 112		122%	SPK: 50
460-00-4	4-Bromofluorobenzene	67.5	*	85 - 114		135%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	131000	5.568				
540-36-3	1,4-Difluorobenzene	232000	6.769				
3114-55-4	Chlorobenzene-d5	208000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	107000	12.024				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
VX047302.D	1	08/12/25 17:06	VX081225

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-12RE	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
VX047314.D	1	08/13/25 12:13	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	7.80		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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-12RE	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
VX047314.D	1	08/13/25 12:13	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	59.6	*	81 - 118		119%	SPK: 50
1868-53-7	Dibromofluoromethane	57.4		80 - 119		115%	SPK: 50
2037-26-5	Toluene-d8	48.3		89 - 112		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.1		85 - 114		110%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	179000	5.568				
540-36-3	1,4-Difluorobenzene	320000	6.769				
3114-55-4	Chlorobenzene-d5	302000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	155000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-SRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-12RE	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
VX047314.D	1	08/13/25 12:13	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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
VX047303.D	1	08/12/25 17:28	VX081225

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	9.90		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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
VX047303.D	1	08/12/25 17:28	VX081225

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	52.5		81 - 118		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		80 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	46.2		89 - 112		92%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	227000	5.568				
540-36-3	1,4-Difluorobenzene	393000	6.775				
3114-55-4	Chlorobenzene-d5	357000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	180000	12.024				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
VX047303.D	1	08/12/25 17:28	VX081225

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
VX047304.D	1	08/12/25 17:49	VX081225

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	6.60		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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
VX047304.D	1	08/12/25 17:49	VX081225

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	50.3		81 - 118		101%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	46.0		89 - 112		92%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		85 - 114		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	231000	5.568				
540-36-3	1,4-Difluorobenzene	392000	6.775				
3114-55-4	Chlorobenzene-d5	358000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	182000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
VX047304.D	1	08/12/25 17:49	VX081225

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
VX047305.D	1	08/12/25 18:11	VX081225

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	6.00		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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
VX047305.D	1	08/12/25 18:11	VX081225

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	50.9		81 - 118		102%	SPK: 50
1868-53-7	Dibromofluoromethane	52.1		80 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	45.0		89 - 112		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		85 - 114		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	226000	5.568				
540-36-3	1,4-Difluorobenzene	390000	6.775				
3114-55-4	Chlorobenzene-d5	350000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	181000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
VX047305.D	1	08/12/25 18:11	VX081225

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
VX047315.D	1	08/13/25 12:35	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	6.30		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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
VX047315.D	1	08/13/25 12:35	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	56.7		81 - 118		113%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1		80 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	46.3		89 - 112		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.2		85 - 114		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	198000	5.568				
540-36-3	1,4-Difluorobenzene	356000	6.775				
3114-55-4	Chlorobenzene-d5	329000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	170000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
VX047315.D	1	08/13/25 12:35	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
VX047341.D	1	08/14/25 13:58	VX081425

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	7.60		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.94	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
VX047341.D	1	08/14/25 13:58	VX081425

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	55.7		81 - 118		111%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	55.0		89 - 112		110%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	230000	5.568				
540-36-3	1,4-Difluorobenzene	440000	6.769				
3114-55-4	Chlorobenzene-d5	435000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	217000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
VX047341.D	1	08/14/25 13:58	VX081425

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
VX047320.D	1	08/13/25 14:24	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	8.80		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	0.38	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	0.50	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
VX047320.D	1	08/13/25 14:24	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	62.0	*	81 - 118		124%	SPK: 50
1868-53-7	Dibromofluoromethane	56.7		80 - 119		113%	SPK: 50
2037-26-5	Toluene-d8	46.4		89 - 112		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	181000	5.568				
540-36-3	1,4-Difluorobenzene	338000	6.775				
3114-55-4	Chlorobenzene-d5	317000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	159000	12.018				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
VX047320.D	1	08/13/25 14:24	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	8.60	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
VX047344.D	1	08/14/25 17:05	VX081425

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	0.50	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
VX047344.D	1	08/14/25 17:05	VX081425

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	58.3		81 - 118		117%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		80 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	56.5	*	89 - 112		113%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		85 - 114		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	239000	5.568				
540-36-3	1,4-Difluorobenzene	456000	6.769				
3114-55-4	Chlorobenzene-d5	448000	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
VX047344.D	1	08/14/25 17:05	VX081425

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
VX047321.D	1	08/13/25 14:45	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	6.40		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	1.70		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	0.43	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	0.50	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
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
VX047321.D	1	08/13/25 14:45	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	61.3	*	81 - 118		123%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		80 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	45.6		89 - 112		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.3		85 - 114		107%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	178000	5.568				
540-36-3	1,4-Difluorobenzene	335000	6.775				
3114-55-4	Chlorobenzene-d5	312000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	156000	12.024				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
VX047321.D	1	08/13/25 14:45	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	210	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-19RE	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
VX047345.D	1	08/14/25 17:26	VX081425

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	5.20		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	1.90		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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-19RE	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
VX047345.D	1	08/14/25 17:26	VX081425

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	59.5	*	81 - 118		119%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		80 - 119		99%	SPK: 50
2037-26-5	Toluene-d8	54.3		89 - 112		109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		85 - 114		108%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	230000	5.568				
540-36-3	1,4-Difluorobenzene	444000	6.775				
3114-55-4	Chlorobenzene-d5	448000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	232000	12.018				

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-19RE	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
VX047345.D	1	08/14/25 17:26	VX081425

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
VX047322.D	1	08/13/25 15:07	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	8.00		1.50	3.80	5.00	ug/L
75-15-0	Carbon Disulfide	0.81	J	0.21	0.75	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.49	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	0.33	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	0.50	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
VX047322.D	1	08/13/25 15:07	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	58.0		81 - 118		116%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		80 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	44.9		89 - 112		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		85 - 114		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	192000	5.568				
540-36-3	1,4-Difluorobenzene	355000	6.775				
3114-55-4	Chlorobenzene-d5	336000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	169000	12.024				
TENTATIVE IDENTIFIED COMPOUNDS							

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
VX047322.D	1	08/13/25 15:07	VX081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007446-09-5	Sulfur dioxide	70.5	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:	TB	SDG No.:	Q2814
Lab Sample ID:	Q2814-21	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
VX047339.D	1	08/14/25 12:47	VX081425

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	3.60	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:	TB	SDG No.:	Q2814
Lab Sample ID:	Q2814-21	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
VX047339.D	1	08/14/25 12:47	VX081425

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	57.1		81 - 118		114%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		80 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	54.9		89 - 112		110%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		85 - 114		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	229000	5.562				
540-36-3	1,4-Difluorobenzene	436000	6.763				
3114-55-4	Chlorobenzene-d5	425000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	212000	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.:	Q2814
Lab Sample ID:	Q2814-21	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
VX047339.D	1	08/14/25 12:47	VX081425

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:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**Water**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-02	**TW-17M-N**	**Water**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-03	**TW-17M-W**	**Water**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-04	**TW-82H-N**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-05	**TW-82H-E**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-06	**TW-82H-S**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-06RE	**TW-82H-SRE**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2814-07	**TW-82H-W**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-07RE	**TW-82H-WRE**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/13/25	
Q2814-08	**TW-38M-E**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-09	**TW-38M-W**	**Water**			**08/06/25**			**08/08/25**
			VOC-TCLVOA-10	8260-Low			08/12/25	
Q2814-10	**TW-38M-N**	**Water**			**08/06/25**			**08/08/25**

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LAB CHRONICLE

			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-11	**TW-38M-S**	**Water**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-12	**TW-BP-S**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-12RE	**TW-BP-SRE**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/13/25	
Q2814-13	**TW-BP-N**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-14	**TW-BP-E**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-15	**TW-BP-W**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/12/25	
Q2814-16	**FB**	**Water**			**08/04/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/13/25	
Q2814-17	**TW-518R-S**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/14/25	
Q2814-18	**TW-518R-N**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/13/25	
Q2814-18RE	**TW-518R-NRE**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/14/25	
Q2814-19	**TW-518R-E**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/13/25	
Q2814-19RE	**TW-518R-ERE**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/14/25	
Q2814-20	**TW-518R-W**	**Water**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/13/25	
Q2814-21	**TB**	**Water**			**08/08/25**		**08/08/25**
			VOC-TCLVOA-10	8260-Low		08/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-84SB-E										
Q2814-01	TW-84SB-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.300	AB	0		0	ug/L
Q2814-01	TW-84SB-E	WATER	Benzophenone	*	2.700	J	0		0	ug/L
Q2814-01	TW-84SB-E	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	JB	0		0	ug/L
			Total Tics :		**121.00**					
			Total Concentration:		**121.00**					
Client ID : TW-17M-N										
Q2814-02	TW-17M-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.900	AB	0		0	ug/L
Q2814-02	TW-17M-N	WATER	Benzophenone	*	6.800	J	0		0	ug/L
Q2814-02	TW-17M-N	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	JB	0		0	ug/L
Q2814-02	TW-17M-N	WATER	Heptadecyl heptafluorobutyrate	*	4.000	J	0		0	ug/L
Q2814-02	TW-17M-N	WATER	n-Hexadecanoic acid	*	5.000	J	0		0	ug/L
			Total Tics :		**123.70**					
			Total Concentration:		**123.70**					
Client ID : TW-17M-W										
Q2814-03	TW-17M-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.500	AB	0		0	ug/L
Q2814-03	TW-17M-W	WATER	Benzophenone	*	6.500	J	0		0	ug/L
Q2814-03	TW-17M-W	WATER	Butane, 2-methoxy-2-methyl-	*	99.800	JB	0		0	ug/L
Q2814-03	TW-17M-W	WATER	Heptadecyl heptafluorobutyrate	*	4.300	J	0		0	ug/L
Q2814-03	TW-17M-W	WATER	n-Hexadecanoic acid	*	5.400	J	0		0	ug/L
			Total Tics :		**124.50**					
			Total Concentration:		**124.50**					
Client ID : TW-82H-N										
Q2814-04	TW-82H-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	12.000	AB	0		0	ug/L
Q2814-04	TW-82H-N	WATER	Benzophenone	*	5.700	J	0		0	ug/L
Q2814-04	TW-82H-N	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	JB	0		0	ug/L
Q2814-04	TW-82H-N	WATER	Heptadecyl heptafluorobutyrate	*	3.700	J	0		0	ug/L
Q2814-04	TW-82H-N	WATER	n-Hexadecanoic acid	*	7.200	J	0		0	ug/L
			Total Tics :		**128.60**					
			Total Concentration:		**128.60**					
Client ID : TW-82H-E										
Q2814-05	TW-82H-E	WATER	1-Decanol, 2-hexyl-	*	4.200	J	0		0	ug/L
Q2814-05	TW-82H-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.700	AB	0		0	ug/L
Q2814-05	TW-82H-E	WATER	Benzophenone	*	9.000	J	0		0	ug/L
Q2814-05	TW-82H-E	WATER	Butane, 2-methoxy-2-methyl-	*	83.300	JB	0		0	ug/L
Q2814-05	TW-82H-E	WATER	n-Hexadecanoic acid	*	4.800	J	0		0	ug/L
			Total Tics :		**109.00**					

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:		**109.00**					
Client ID :	**TW-82H-S**									
Q2814-06	TW-82H-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.100	AB	0		0	ug/L
Q2814-06	TW-82H-S	WATER	Benzophenone	*	9.600	J	0		0	ug/L
Q2814-06	TW-82H-S	WATER	Butane, 2-methoxy-2-methyl-	*	90.900	JB	0		0	ug/L
Q2814-06	TW-82H-S	WATER	Carbonic acid, eicosyl vinyl ester	*	5.600	J	0		0	ug/L
Q2814-06	TW-82H-S	WATER	Hentriacontane	*	2.400	J	0		0	ug/L
Q2814-06	TW-82H-S	WATER	n-Hexadecanoic acid	*	6.400	J	0		0	ug/L
Q2814-06	TW-82H-S	WATER	unknown8.328	*	4.600	J	0		0	ug/L
			Total Tics :		**126.60**					
			Total Concentration:		**126.60**					
Client ID :	**TW-82H-W**									
Q2814-07	TW-82H-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.800	AB	0		0	ug/L
Q2814-07	TW-82H-W	WATER	3-Ethoxy-4-hydroxyphenylacetoni	*	2.900	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	4-(7-Methyloctyl)phenol	*	6.300	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	5-(4-Trifluormethylsulfonylpheny	*	4.900	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Acetamide, N-(3-methylphenyl)-	*	6.400	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Benzophenone	*	8.900	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Butane, 2-methoxy-2-methyl-	*	80.600	JB	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Cholesterol	*	7.600	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Heptadecyl heptafluorobutyrate	*	3.600	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Ibuprofen	*	5.100	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Morpholine, 2,6-dimethyl-	*	7.700	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	n-Hexadecanoic acid	*	7.700	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Pentanoic acid, 5-hydroxy-, p-t-bu	*	3.600	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	Phenol, 2-(1,1,3,3-tetramethylbuty	*	6.500	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	unknown10.886	*	4.200	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	unknown11.116	*	3.800	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	unknown14.251	*	3.100	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	unknown14.551	*	2.900	J	0		0	ug/L
Q2814-07	TW-82H-W	WATER	unknown16.386	*	5.500	J	0		0	ug/L
			Total Tics :		**179.10**					
			Total Concentration:		**179.10**					
Client ID :	**TW-38M-E**									
Q2814-08	TW-38M-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.500	AB	0		0	ug/L
Q2814-08	TW-38M-E	WATER	Benzophenone	*	6.000	J	0		0	ug/L
Q2814-08	TW-38M-E	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	JB	0		0	ug/L
			Total Tics :		**113.50**					

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

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:		**113.50**					
Client ID :	**TW-38M-W**									
Q2814-09	TW-38M-W	WATER	1-Dodecanol, 2-hexyl-	*	4.200	J	0		0	ug/L
Q2814-09	TW-38M-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.900	AB	0		0	ug/L
Q2814-09	TW-38M-W	WATER	Benzophenone	*	9.900	J	0		0	ug/L
Q2814-09	TW-38M-W	WATER	Butane, 2-methoxy-2-methyl-	*	80.600	JB	0		0	ug/L
Q2814-09	TW-38M-W	WATER	n-Hexadecanoic acid	*	4.100	J	0		0	ug/L
			Total Tics :		**105.70**					
			Total Concentration:		**105.70**					
Client ID :	**TW-38M-N**									
Q2814-10	TW-38M-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.700	AB	0		0	ug/L
Q2814-10	TW-38M-N	WATER	Benzophenone	*	9.300	J	0		0	ug/L
Q2814-10	TW-38M-N	WATER	Butane, 2-methoxy-2-methyl-	*	93.000	JB	0		0	ug/L
Q2814-10	TW-38M-N	WATER	Hexatriacontyl pentafluoropropior	*	4.400	J	0		0	ug/L
Q2814-10	TW-38M-N	WATER	n-Hexadecanoic acid	*	5.300	J	0		0	ug/L
			Total Tics :		**121.70**					
			Total Concentration:		**121.70**					
Client ID :	**TW-38M-S**									
Q2814-11	TW-38M-S	WATER	Bis(2-ethylhexyl)phthalate		4.900	J	1.6	4	5	ug/L
			Total Svoc :		**4.90**					
Q2814-11	TW-38M-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.500	AB	0		0	ug/L
Q2814-11	TW-38M-S	WATER	Benzophenone	*	6.700	J	0		0	ug/L
Q2814-11	TW-38M-S	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	JB	0		0	ug/L
Q2814-11	TW-38M-S	WATER	n-Hexadecanoic acid	*	2.800	J	0		0	ug/L
Q2814-11	TW-38M-S	WATER	Tricyclo[5.2.1.0(2,6)]dec-3-en-10-	*	2.800	J	0		0	ug/L
Q2814-11	TW-38M-S	WATER	unknown8.328	*	2.300	J	0		0	ug/L
			Total Tics :		**124.10**					
			Total Concentration:		**129.00**					
Client ID :	**TW-BP-S**									
Q2814-12	TW-BP-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.800	AB	0		0	ug/L
Q2814-12	TW-BP-S	WATER	Benzophenone	*	12.400	J	0		0	ug/L
Q2814-12	TW-BP-S	WATER	Butane, 2-methoxy-2-methyl-	*	79.800	JB	0		0	ug/L
Q2814-12	TW-BP-S	WATER	n-Hexadecanoic acid	*	8.700	J	0		0	ug/L
Q2814-12	TW-BP-S	WATER	Pentadecafluorooctanoic acid, oct	*	5.700	J	0		0	ug/L
			Total Tics :		**116.40**					
			Total Concentration:		**116.40**					
Client ID :	**TW-BP-N**									
Q2814-13	TW-BP-N	WATER	1-Octadecanol	*	2.200	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2814-13	TW-BP-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.600	AB	0		0	ug/L
Q2814-13	TW-BP-N	WATER	Benzophenone	*	6.900	J	0		0	ug/L
Q2814-13	TW-BP-N	WATER	Butane, 2-methoxy-2-methyl-	*	100.000	JB	0		0	ug/L
Q2814-13	TW-BP-N	WATER	Diethyltoluamide	*	6.300	J	0		0	ug/L
Q2814-13	TW-BP-N	WATER	n-Hexadecanoic acid	*	2.200	J	0		0	ug/L
			Total Tics :		**125.20**					
			Total Concentration:		**125.20**					
Client ID :	**TW-BP-E**									
Q2814-14	TW-BP-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	6.700	AB	0		0	ug/L
Q2814-14	TW-BP-E	WATER	Benzophenone	*	3.500	J	0		0	ug/L
Q2814-14	TW-BP-E	WATER	Butane, 2-methoxy-2-methyl-	*	110.000	JB	0		0	ug/L
Q2814-14	TW-BP-E	WATER	n-Hexadecanoic acid	*	2.800	J	0		0	ug/L
			Total Tics :		**123.00**					
			Total Concentration:		**123.00**					
Client ID :	**TW-BP-W**									
Q2814-15	TW-BP-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.100	AB	0		0	ug/L
Q2814-15	TW-BP-W	WATER	Benzophenone	*	5.900	J	0		0	ug/L
Q2814-15	TW-BP-W	WATER	Butane, 2-methoxy-2-methyl-	*	98.200	JB	0		0	ug/L
Q2814-15	TW-BP-W	WATER	Eicosane	*	3.500	J	0		0	ug/L
Q2814-15	TW-BP-W	WATER	n-Hexadecanoic acid	*	3.500	J	0		0	ug/L
			Total Tics :		**118.20**					
			Total Concentration:		**118.20**					
Client ID :	**FB**									
Q2814-16	FB	WATER	1-(1-tert-Butoxypropan-2-yloxy)p	*	2.800	J	0		0	ug/L
Q2814-16	FB	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	9.800	AB	0		0	ug/L
Q2814-16	FB	WATER	2-Propanol, 1-(2-butoxy-1-methyl	*	5.500	J	0		0	ug/L
Q2814-16	FB	WATER	Butane, 2-methoxy-2-methyl-	*	96.900	JB	0		0	ug/L
Q2814-16	FB	WATER	Hexanoic acid, 2-ethyl-	*	21.400	J	0		0	ug/L
Q2814-16	FB	WATER	unknown15.680	*	4.700	J	0		0	ug/L
Q2814-16	FB	WATER	unknown8.581	*	4.700	J	0		0	ug/L
			Total Tics :		**145.80**					
			Total Concentration:		**145.80**					
Client ID :	**TW-518R-S**									
Q2814-17	TW-518R-S	WATER	Bis(2-ethylhexyl)phthalate		6.300		1.6	4	5.1	ug/L
			Total Svoc :		**6.30**					
Q2814-17	TW-518R-S	WATER	1-(4-Pyridinyl)piperazine	*	5.800	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.800	AB	0		0	ug/L
Q2814-17	TW-518R-S	WATER	4-(1,1-Dimethylheptyl)phenol	*	8.400	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	4-(7-Methyloctyl)phenol	*	8.900	J	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2814-17	TW-518R-S	WATER	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	14.000	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	6-Amino-1-methylpurine	*	5.100	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Acetamide, N-(2,5-dimethylpheny	*	4.900	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Acetamide, N-(3-methylphenyl)-	*	3.200	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Benzophenone	*	7.100	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Butane, 2-methoxy-2-methyl-	*	73.300	JB	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Dimantine	*	5.500	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Ethanol, 2-(tetradecyloxy)-	*	6.500	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Hexacosane	*	2.500	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	n-Hexadecanoic acid	*	10.600	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Octadecanoic acid	*	5.200	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Phenol, 4-(1,1,3,3-tetramethylbuty	*	8.200	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	Supraene	*	2.400	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	unknown16.331	*	13.600	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	unknown16.436	*	7.600	J	0		0	ug/L
Q2814-17	TW-518R-S	WATER	unknown16.483	*	5.700	J	0		0	ug/L
			Total Tics :		**204.30**					
			Total Concentration:		**210.60**					
Client ID :	**TW-518R-N**									
Q2814-18	TW-518R-N	WATER	10,18-Bisnorabieta-8,11,13-triene	*	2.400	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	1-Docosene	*	12.600	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.000	AB	0		0	ug/L
Q2814-18	TW-518R-N	WATER	9,12-Octadecadienoic acid (Z,Z)-	*	2.100	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	9-Octadecenoic acid	*	2.200	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Benzophenone	*	15.600	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Butane, 2-methoxy-2-methyl-	*	82.500	JB	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Eicosane	*	2.200	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Heneicosane	*	4.400	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Methanone, (1-hydroxycyclohexy	*	2.500	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	n-Hexadecanoic acid	*	14.400	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Nonadecane	*	2.700	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Octadecanoic acid	*	5.100	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Squalene	*	3.800	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	Tetracosane	*	3.500	J	0		0	ug/L
Q2814-18	TW-518R-N	WATER	unknown10.049	*	3.200	J	0		0	ug/L
			Total Tics :		**166.20**					
			Total Concentration:		**166.20**					
Client ID :	**TW-518R-E**									
Q2814-19	TW-518R-E	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	7.700	AB	0		0	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2814

Client: First Environment, Inc.

Sample ID	Client ID		Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2814-19	TW-518R-E	WATER	Benzophenone	*	9.000	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Butane, 2-methoxy-2-methyl-	*	95.700	JB	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Eicosane	*	2.100	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Ethanol, 2-(2-butoxyethoxy)-	*	2.800	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Heneicosane	*	2.300	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Hentriacontane	*	2.300	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Hexadecanoic acid, 2-methylprop	*	2.300	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Hexadecanoic acid, butyl ester	*	5.000	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Methanone, (1-hydroxycyclohexy	*	2.100	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	n-Hexadecanoic acid	*	6.100	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Octadecanoic acid, butyl ester	*	3.200	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Pentacosane	*	2.600	J	0		0	ug/L
Q2814-19	TW-518R-E	WATER	Tetratetracontane	*	2.900	J	0		0	ug/L
			Total Tics :		**146.10**					
			Total Concentration:		**146.10**					
Client ID :	**TW-518R-W**									
Q2814-20	TW-518R-W	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	8.300	AB	0		0	ug/L
Q2814-20	TW-518R-W	WATER	3-Eicosene, (E)-	*	3.000	J	0		0	ug/L
Q2814-20	TW-518R-W	WATER	Benzophenone	*	7.300	J	0		0	ug/L
Q2814-20	TW-518R-W	WATER	Butane, 2-methoxy-2-methyl-	*	76.300	JB	0		0	ug/L
Q2814-20	TW-518R-W	WATER	Diethyltoluamide	*	2.100	J	0		0	ug/L
Q2814-20	TW-518R-W	WATER	n-Hexadecanoic acid	*	5.200	J	0		0	ug/L
			Total Tics :		**102.20**					
			Total Concentration:		**102.20**					

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
BF143379.D	1	08/12/25 09:55	08/14/25 13:55	PB169223

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,
Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
BF143379.D	1	08/12/25 09:55	08/14/25 13:55	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
BF143379.D	1	08/12/25 09:55	08/14/25 13:55	PB169223

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	UQ	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	85.9		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	63.4		10 - 130		42%	SPK: 150
4165-60-0	Nitrobenzene-d5	118		44 - 120		118%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		44 - 119		103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	203		43 - 140		135%	SPK: 150
1718-51-0	Terphenyl-d14	112		50 - 134		112%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146000	6.934				
1146-65-2	Naphthalene-d8	556000	8.216				
15067-26-2	Acenaphthene-d10	300000	9.969				
1517-22-2	Phenanthrene-d10	475000	11.457				
1719-03-5	Chrysene-d12	287000	14.098				
1520-96-3	Perylene-d12	274000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	JB			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.30	AB			5.16	ug/L
000119-61-9	Benzophenone	2.70	J			10.7	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
BF143379.D	1	08/12/25 09:55	08/14/25 13:55	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
BF143380.D	1	08/12/25 09:55	08/14/25 14:25	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
BF143380.D	1	08/12/25 09:55	08/14/25 14:25	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
BF143380.D	1	08/12/25 09:55	08/14/25 14:25	PB169223

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	UQ	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	61.0		19 - 119		41%	SPK: 150
13127-88-3	Phenol-d6	42.6		10 - 130		28%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		44 - 120		105%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.4		44 - 119		92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	147		43 - 140		98%	SPK: 150
1718-51-0	Terphenyl-d14	98.9		50 - 134		99%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148000	6.934				
1146-65-2	Naphthalene-d8	580000	8.216				
15067-26-2	Acenaphthene-d10	307000	9.969				
1517-22-2	Phenanthrene-d10	472000	11.457				
1719-03-5	Chrysene-d12	277000	14.098				
1520-96-3	Perylene-d12	297000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	JB			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.90	AB			5.16	ug/L
000119-61-9	Benzophenone	6.80	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	5.00	J			12.0	ug/L
959085-66-6	Heptadecyl heptafluorobutyrate	4.00	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-02	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
BF143380.D	1	08/12/25 09:55	08/14/25 14:25	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
BF143381.D	1	08/12/25 09:55	08/14/25 14:55	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
BF143381.D	1	08/12/25 09:55	08/14/25 14:55	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
BF143381.D	1	08/12/25 09:55	08/14/25 14:55	PB169223

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	UQ	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	89.0		19 - 119		59%	SPK: 150
13127-88-3	Phenol-d6	68.5		10 - 130		46%	SPK: 150
4165-60-0	Nitrobenzene-d5	115		44 - 120		115%	SPK: 100
321-60-8	2-Fluorobiphenyl	100		44 - 119		100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	194		43 - 140		129%	SPK: 150
1718-51-0	Terphenyl-d14	110		50 - 134		110%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152000	6.934				
1146-65-2	Naphthalene-d8	588000	8.21				
15067-26-2	Acenaphthene-d10	307000	9.969				
1517-22-2	Phenanthrene-d10	468000	11.457				
1719-03-5	Chrysene-d12	269000	14.098				
1520-96-3	Perylene-d12	301000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	99.8	JB			2.28	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.50	AB			5.17	ug/L
000119-61-9	Benzophenone	6.50	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	5.40	J			12.0	ug/L
959085-66-6	Heptadecyl heptafluorobutyrate	4.30	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
BF143381.D	1	08/12/25 09:55	08/14/25 14:55	PB169223

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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	870 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
BF143382.D	1	08/12/25 09:55	08/14/25 15:26	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	9.20	U	4.50	9.20	11.5	ug/L
108-95-2	Phenol	4.60	U	1.00	4.60	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.60	U	0.93	4.60	5.70	ug/L
95-57-8	2-Chlorophenol	4.60	U	0.67	4.60	5.70	ug/L
95-48-7	2-Methylphenol	4.60	U	1.30	4.60	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.60	U	1.50	4.60	5.70	ug/L
98-86-2	Acetophenone	4.60	U	0.85	4.60	5.70	ug/L
65794-96-9	3+4-Methylphenols	9.20	U	1.30	9.20	11.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.90	U	1.60	2.90	2.90	ug/L
67-72-1	Hexachloroethane	4.60	U	0.75	4.60	5.70	ug/L
98-95-3	Nitrobenzene	4.60	U	0.87	4.60	5.70	ug/L
78-59-1	Isophorone	4.60	U	0.86	4.60	5.70	ug/L
88-75-5	2-Nitrophenol	4.60	U	2.00	4.60	5.70	ug/L
105-67-9	2,4-Dimethylphenol	4.60	U	2.10	4.60	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.60	U	0.78	4.60	5.70	ug/L
120-83-2	2,4-Dichlorophenol	4.60	U	0.60	4.60	5.70	ug/L
91-20-3	Naphthalene	4.60	U	0.57	4.60	5.70	ug/L
106-47-8	4-Chloroaniline	4.60	U	0.97	4.60	5.70	ug/L
87-68-3	Hexachlorobutadiene	4.60	U	0.62	4.60	5.70	ug/L
105-60-2	Caprolactam	9.20	U	1.30	9.20	11.5	ug/L
59-50-7	4-Chloro-3-methylphenol	4.60	U	0.68	4.60	5.70	ug/L
91-57-6	2-Methylnaphthalene	4.60	U	0.64	4.60	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	9.20	U	4.20	9.20	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	4.60	U	0.59	4.60	5.70	ug/L
95-95-4	2,4,5-Trichlorophenol	4.60	U	0.71	4.60	5.70	ug/L
92-52-4	1,1-Biphenyl	4.60	U	0.61	4.60	5.70	ug/L
91-58-7	2-Chloronaphthalene	4.60	U	0.70	4.60	5.70	ug/L
88-74-4	2-Nitroaniline	4.60	U	1.40	4.60	5.70	ug/L
131-11-3	Dimethylphthalate	4.60	U	0.70	4.60	5.70	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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	870 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
BF143382.D	1	08/12/25 09:55	08/14/25 15:26	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.60	U	0.86	4.60	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	4.60	U	1.10	4.60	5.70	ug/L
99-09-2	3-Nitroaniline	4.60	U	1.20	4.60	5.70	ug/L
83-32-9	Acenaphthene	4.60	U	0.63	4.60	5.70	ug/L
51-28-5	2,4-Dinitrophenol	9.20	U	6.90	9.20	11.5	ug/L
100-02-7	4-Nitrophenol	9.20	U	2.70	9.20	11.5	ug/L
132-64-9	Dibenzofuran	4.60	U	0.70	4.60	5.70	ug/L
121-14-2	2,4-Dinitrotoluene	4.60	U	1.40	4.60	5.70	ug/L
84-66-2	Diethylphthalate	4.60	U	0.79	4.60	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.60	U	0.78	4.60	5.70	ug/L
86-73-7	Fluorene	4.60	U	0.72	4.60	5.70	ug/L
100-01-6	4-Nitroaniline	4.60	U	1.70	4.60	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	9.20	U	3.30	9.20	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	4.60	U	0.67	4.60	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	4.60	U	0.46	4.60	5.70	ug/L
118-74-1	Hexachlorobenzene	4.60	U	0.60	4.60	5.70	ug/L
1912-24-9	Atrazine	4.60	U	1.20	4.60	5.70	ug/L
87-86-5	Pentachlorophenol	9.20	U	1.80	9.20	11.5	ug/L
85-01-8	Phenanthrene	4.60	U	0.57	4.60	5.70	ug/L
120-12-7	Anthracene	4.60	U	0.70	4.60	5.70	ug/L
86-74-8	Carbazole	4.60	U	0.83	4.60	5.70	ug/L
84-74-2	Di-n-butylphthalate	4.60	U	1.40	4.60	5.70	ug/L
206-44-0	Fluoranthene	4.60	U	0.94	4.60	5.70	ug/L
129-00-0	Pyrene	4.60	U	0.57	4.60	5.70	ug/L
85-68-7	Butylbenzylphthalate	4.60	U	2.20	4.60	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	9.20	U	1.10	9.20	11.5	ug/L
56-55-3	Benzo(a)anthracene	4.60	U	0.52	4.60	5.70	ug/L
218-01-9	Chrysene	4.60	U	0.51	4.60	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.60	U	1.80	4.60	5.70	ug/L
117-84-0	Di-n-octyl phthalate	9.20	U	2.70	9.20	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	4.60	U	0.56	4.60	5.70	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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	870 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
BF143382.D	1	08/12/25 09:55	08/14/25 15:26	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.60	U	0.55	4.60	5.70	ug/L
50-32-8	Benzo(a)pyrene	4.60	U	0.63	4.60	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.60	U	0.68	4.60	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.60	U	0.77	4.60	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	4.60	U	0.79	4.60	5.70	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.60	U	0.60	4.60	5.70	ug/L
123-91-1	1,4-Dioxane	4.60	UQ	1.10	4.60	5.70	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.60	U	0.83	4.60	5.70	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	76.7		19 - 119		51%	SPK: 150
13127-88-3	Phenol-d6	60.5		10 - 130		40%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.1		44 - 120		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.2		44 - 119		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		43 - 140		104%	SPK: 150
1718-51-0	Terphenyl-d14	85.2		50 - 134		85%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153000	6.934				
1146-65-2	Naphthalene-d8	588000	8.21				
15067-26-2	Acenaphthene-d10	318000	9.969				
1517-22-2	Phenanthrene-d10	485000	11.457				
1719-03-5	Chrysene-d12	295000	14.098				
1520-96-3	Perylene-d12	317000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	12.0	AB			5.16	ug/L
000119-61-9	Benzophenone	5.70	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	7.20	J			12.0	ug/L
959085-66-6	Heptadecyl heptafluorobutyrate	3.70	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-82H-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-04	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	870 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
BF143382.D	1	08/12/25 09:55	08/14/25 15:26	PB169223

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-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
BF143383.D	1	08/12/25 09:55	08/14/25 15:56	PB169223

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-82H-E			SDG No.:	Q2814
Lab Sample ID:	Q2814-05			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
BF143383.D	1	08/12/25 09:55	08/14/25 15:56	PB169223

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-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
BF143383.D	1	08/12/25 09:55	08/14/25 15:56	PB169223

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	UQ	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	47.1		19 - 119		31%	SPK: 150
13127-88-3	Phenol-d6	41.8		10 - 130		28%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.7		44 - 120		44%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.0	*	44 - 119		40%	SPK: 100
118-79-6	2,4,6-Tribromophenol	68.3		43 - 140		46%	SPK: 150
1718-51-0	Terphenyl-d14	43.7	*	50 - 134		44%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146000	6.934				
1146-65-2	Naphthalene-d8	556000	8.21				
15067-26-2	Acenaphthene-d10	299000	9.969				
1517-22-2	Phenanthrene-d10	461000	11.457				
1719-03-5	Chrysene-d12	255000	14.098				
1520-96-3	Perylene-d12	257000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	83.3	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	AB			5.16	ug/L
000119-61-9	Benzophenone	9.00	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	4.80	J			12.0	ug/L
002425-77-6	1-Decanol, 2-hexyl-	4.20	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-82H-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-05	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
BF143383.D	1	08/12/25 09:55	08/14/25 15:56	PB169223

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-82H-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-05RE	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
BP025426.D	1	08/12/25 09:55	08/15/25 14:08	PB169223

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-82H-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-05RE	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
BP025426.D	1	08/12/25 09:55	08/15/25 14:08	PB169223

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-82H-ERE	SDG No.:	Q2814
Lab Sample ID:	Q2814-05RE	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
BP025426.D	1	08/12/25 09:55	08/15/25 14:08	PB169223

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	UQ	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	44.2		19 - 119		29%	SPK: 150
13127-88-3	Phenol-d6	38.7		10 - 130		26%	SPK: 150
4165-60-0	Nitrobenzene-d5	34.6	*	44 - 120		35%	SPK: 100
321-60-8	2-Fluorobiphenyl	31.4	*	44 - 119		31%	SPK: 100
118-79-6	2,4,6-Tribromophenol	53.9	*	43 - 140		36%	SPK: 150
1718-51-0	Terphenyl-d14	32.8	*	50 - 134		33%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138000	7.79				
1146-65-2	Naphthalene-d8	541000	10.554				
15067-26-2	Acenaphthene-d10	371000	14.401				
1517-22-2	Phenanthrene-d10	763000	17.201				
1719-03-5	Chrysene-d12	865000	21.63				
1520-96-3	Perylene-d12	963000	24.989				

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

Alliance TECHNICAL GROUP
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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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
BF143384.D	1	08/12/25 09:55	08/14/25 16:26	PB169223

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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
BF143384.D	1	08/12/25 09:55	08/14/25 16:26	PB169223

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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
BF143384.D	1	08/12/25 09:55	08/14/25 16:26	PB169223

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	UQ	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	62.0		19 - 119		41%	SPK: 150
13127-88-3	Phenol-d6	53.1		10 - 130		35%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.1		44 - 120		59%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.4		44 - 119		50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.9		43 - 140		59%	SPK: 150
1718-51-0	Terphenyl-d14	47.7	*	50 - 134		48%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.934				
1146-65-2	Naphthalene-d8	564000	8.216				
15067-26-2	Acenaphthene-d10	297000	9.969				
1517-22-2	Phenanthrene-d10	452000	11.457				
1719-03-5	Chrysene-d12	249000	14.098				
1520-96-3	Perylene-d12	291000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	90.9	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.10	AB			5.16	ug/L
	unknown8.328	4.60	J			8.33	ug/L
000119-61-9	Benzophenone	9.60	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	6.40	J			12.0	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	5.60	J			13.9	ug/L
000630-04-6	Hentriacontane	2.40	J			14.6	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-82H-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-06	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
BF143384.D	1	08/12/25 09:55	08/14/25 16:26	PB169223

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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
BF143534.D	1	08/12/25 09:55	08/21/25 17:07	PB169223

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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
BF143534.D	1	08/12/25 09:55	08/21/25 17:07	PB169223

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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
BF143534.D	1	08/12/25 09:55	08/21/25 17:07	PB169223

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	UQ	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	86.2		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	73.4		10 - 130		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.1		44 - 120		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.6		44 - 119		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		43 - 140		93%	SPK: 150
1718-51-0	Terphenyl-d14	75.7		50 - 134		76%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.928				
1146-65-2	Naphthalene-d8	408000	8.204				
15067-26-2	Acenaphthene-d10	213000	9.963				
1517-22-2	Phenanthrene-d10	291000	11.451				
1719-03-5	Chrysene-d12	216000	14.092				
1520-96-3	Perylene-d12	249000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80.6	JB			2.29	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.80	AB			5.16	ug/L
000141-91-3	Morpholine, 2,6-dimethyl-	7.70	J			8.32	ug/L
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	6.50	J			10.5	ug/L
015687-27-1	Ibuprofen	5.10	J			10.5	ug/L
000119-61-9	Benzophenone	8.90	J			10.7	ug/L
	unknown10.886	4.20	J			10.9	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-82H-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-07	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
BF143534.D	1	08/12/25 09:55	08/21/25 17:07	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
187338-96-1	5-(4-Trifluormethylsulfonylphenyla	4.90	J			10.9	ug/L
000537-92-8	Acetamide, N-(3-methylphenyl)-	6.40	J			11.0	ug/L
024518-48-7	4-(7-Methyloctyl)phenol	6.30	J			11.0	ug/L
	unknown11.116	3.80	J			11.1	ug/L
166273-37-6	Pentanoic acid, 5-hydroxy-, p-t-bu	3.60	J			11.2	ug/L
205748-01-2	3-Ethoxy-4-hydroxyphenylacetonitri	2.90	J			11.2	ug/L
000057-10-3	n-Hexadecanoic acid	7.70	J			12.0	ug/L
959085-66-6	Heptadecyl heptafluorobutyrate	3.60	J			14.0	ug/L
	unknown14.251	3.10	J			14.3	ug/L
	unknown14.551	2.90	J			14.6	ug/L
	unknown16.386	5.50	J			16.4	ug/L
000057-88-5	Cholesterol	7.60	J			16.5	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:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
BF143386.D	1	08/12/25 09:55	08/14/25 17:26	PB169223

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-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
BF143386.D	1	08/12/25 09:55	08/14/25 17:26	PB169223

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-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
BF143386.D	1	08/12/25 09:55	08/14/25 17:26	PB169223

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	UQ	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	77.8		19 - 119		52%	SPK: 150
13127-88-3	Phenol-d6	57.1		10 - 130		38%	SPK: 150
4165-60-0	Nitrobenzene-d5	105		44 - 120		105%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.8		44 - 119		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	176		43 - 140		117%	SPK: 150
1718-51-0	Terphenyl-d14	102		50 - 134		102%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141000	6.934				
1146-65-2	Naphthalene-d8	547000	8.216				
15067-26-2	Acenaphthene-d10	290000	9.969				
1517-22-2	Phenanthrene-d10	435000	11.457				
1719-03-5	Chrysene-d12	245000	14.098				
1520-96-3	Perylene-d12	277000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.50	AB			5.16	ug/L
000119-61-9	Benzophenone	6.00	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-38M-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-08	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
BF143386.D	1	08/12/25 09:55	08/14/25 17:26	PB169223

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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
BF143387.D	1	08/12/25 09:55	08/14/25 17:56	PB169223

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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
BF143387.D	1	08/12/25 09:55	08/14/25 17:56	PB169223

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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
BF143387.D	1	08/12/25 09:55	08/14/25 17:56	PB169223

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	UQ	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	61.3		19 - 119		41%	SPK: 150
13127-88-3	Phenol-d6	47.0		10 - 130		31%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.3		44 - 120		79%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		44 - 119		74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		43 - 140		88%	SPK: 150
1718-51-0	Terphenyl-d14	82.1		50 - 134		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148000	6.934				
1146-65-2	Naphthalene-d8	566000	8.216				
15067-26-2	Acenaphthene-d10	302000	9.969				
1517-22-2	Phenanthrene-d10	462000	11.457				
1719-03-5	Chrysene-d12	251000	14.098				
1520-96-3	Perylene-d12	284000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80.6	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.90	AB			5.16	ug/L
000119-61-9	Benzophenone	9.90	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	4.10	J			12.0	ug/L
110225-00-8	1-Dodecanol, 2-hexyl-	4.20	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-38M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-09	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
BF143387.D	1	08/12/25 09:55	08/14/25 17:56	PB169223

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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
BF143388.D	1	08/12/25 09:55	08/14/25 18:26	PB169223

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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
BF143388.D	1	08/12/25 09:55	08/14/25 18:26	PB169223

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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
BF143388.D	1	08/12/25 09:55	08/14/25 18:26	PB169223

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	UQ	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	77.7		19 - 119		52%	SPK: 150
13127-88-3	Phenol-d6	65.3		10 - 130		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.7		44 - 120		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.7		44 - 119		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		43 - 140		99%	SPK: 150
1718-51-0	Terphenyl-d14	88.9		50 - 134		89%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.934				
1146-65-2	Naphthalene-d8	556000	8.21				
15067-26-2	Acenaphthene-d10	299000	9.969				
1517-22-2	Phenanthrene-d10	455000	11.457				
1719-03-5	Chrysene-d12	258000	14.098				
1520-96-3	Perylene-d12	286000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	93.0	JB			2.28	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.70	AB			5.16	ug/L
000119-61-9	Benzophenone	9.30	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	5.30	J			12.0	ug/L
1000351-89-0	Hexatriacontyl pentafluoropropiona	4.40	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-38M-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-10	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
BF143388.D	1	08/12/25 09:55	08/14/25 18:26	PB169223

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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
BF143389.D	1	08/12/25 09:55	08/14/25 18:56	PB169223

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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
BF143389.D	1	08/12/25 09:55	08/14/25 18:56	PB169223

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	4.90	J	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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
BF143389.D	1	08/12/25 09:55	08/14/25 18:56	PB169223

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	UQ	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	86.2		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	65.7		10 - 130		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		44 - 120		112%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.7		44 - 119		98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	189		43 - 140		126%	SPK: 150
1718-51-0	Terphenyl-d14	110		50 - 134		110%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150000	6.934				
1146-65-2	Naphthalene-d8	583000	8.21				
15067-26-2	Acenaphthene-d10	312000	9.969				
1517-22-2	Phenanthrene-d10	485000	11.457				
1719-03-5	Chrysene-d12	274000	14.098				
1520-96-3	Perylene-d12	288000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	JB			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.50	AB			5.16	ug/L
	unknown8.328	2.30	J			8.33	ug/L
1000289-10-5	Tricyclo[5.2.1.0(2,6)]dec-3-en-10-	2.80	J			8.80	ug/L
000119-61-9	Benzophenone	6.70	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.80	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-38M-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-11	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
BF143389.D	1	08/12/25 09:55	08/14/25 18:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
BF143390.D	1	08/12/25 09:55	08/14/25 19:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
BF143390.D	1	08/12/25 09:55	08/14/25 19:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
BF143390.D	1	08/12/25 09:55	08/14/25 19:26	PB169223

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	UQ	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	91.3		19 - 119		61%	SPK: 150
13127-88-3	Phenol-d6	76.4		10 - 130		51%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		44 - 120		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.0		44 - 119		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	180		43 - 140		120%	SPK: 150
1718-51-0	Terphenyl-d14	105		50 - 134		105%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144000	6.934				
1146-65-2	Naphthalene-d8	559000	8.21				
15067-26-2	Acenaphthene-d10	296000	9.969				
1517-22-2	Phenanthrene-d10	448000	11.457				
1719-03-5	Chrysene-d12	265000	14.098				
1520-96-3	Perylene-d12	302000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	79.8	JB			2.30	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.80	AB			5.17	ug/L
000119-61-9	Benzophenone	12.4	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	8.70	J			12.0	ug/L
1000406-04-8	Pentadecafluorooctanoic acid, octa	5.70	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-12	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
BF143390.D	1	08/12/25 09:55	08/14/25 19:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
BF143391.D	1	08/12/25 09:55	08/14/25 19:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
BF143391.D	1	08/12/25 09:55	08/14/25 19:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
BF143391.D	1	08/12/25 09:55	08/14/25 19:56	PB169223

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	UQ	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	85.3		19 - 119		57%	SPK: 150
13127-88-3	Phenol-d6	65.3		10 - 130		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	114		44 - 120		114%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.0		44 - 119		97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	182		43 - 140		122%	SPK: 150
1718-51-0	Terphenyl-d14	110		50 - 134		110%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147000	6.934				
1146-65-2	Naphthalene-d8	561000	8.216				
15067-26-2	Acenaphthene-d10	302000	9.969				
1517-22-2	Phenanthrene-d10	454000	11.457				
1719-03-5	Chrysene-d12	254000	14.098				
1520-96-3	Perylene-d12	291000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	JB			2.28	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.60	AB			5.17	ug/L
000134-62-3	Diethyltoluamide	6.30	J			10.3	ug/L
000119-61-9	Benzophenone	6.90	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.20	J			12.0	ug/L
000112-92-5	1-Octadecanol	2.20	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-13	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
BF143391.D	1	08/12/25 09:55	08/14/25 19:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
BF143392.D	1	08/12/25 09:55	08/14/25 20:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
BF143392.D	1	08/12/25 09:55	08/14/25 20:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
BF143392.D	1	08/12/25 09:55	08/14/25 20:26	PB169223

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	UQ	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	78.9		19 - 119		53%	SPK: 150
13127-88-3	Phenol-d6	59.9		10 - 130		40%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		44 - 120		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.5		44 - 119		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		43 - 140		113%	SPK: 150
1718-51-0	Terphenyl-d14	105		50 - 134		105%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147000	6.934				
1146-65-2	Naphthalene-d8	561000	8.21				
15067-26-2	Acenaphthene-d10	301000	9.969				
1517-22-2	Phenanthrene-d10	454000	11.457				
1719-03-5	Chrysene-d12	245000	14.098				
1520-96-3	Perylene-d12	285000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	JB			2.27	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.70	AB			5.16	ug/L
000119-61-9	Benzophenone	3.50	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	2.80	J			12.0	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-14	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
BF143392.D	1	08/12/25 09:55	08/14/25 20:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
BF143393.D	1	08/12/25 09:55	08/14/25 20:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
BF143393.D	1	08/12/25 09:55	08/14/25 20:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
BF143393.D	1	08/12/25 09:55	08/14/25 20:56	PB169223

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	UQ	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	72.8		19 - 119		49%	SPK: 150
13127-88-3	Phenol-d6	56.9		10 - 130		38%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.8		44 - 120		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.6		44 - 119		84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		43 - 140		102%	SPK: 150
1718-51-0	Terphenyl-d14	97.2		50 - 134		97%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145000	6.934				
1146-65-2	Naphthalene-d8	553000	8.216				
15067-26-2	Acenaphthene-d10	297000	9.969				
1517-22-2	Phenanthrene-d10	447000	11.457				
1719-03-5	Chrysene-d12	248000	14.098				
1520-96-3	Perylene-d12	287000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	98.2	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.10	AB			5.16	ug/L
000119-61-9	Benzophenone	5.90	J			10.7	ug/L
000057-10-3	n-Hexadecanoic acid	3.50	J			12.0	ug/L
000112-95-8	Eicosane	3.50	J			13.9	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-BP-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-15	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
BF143393.D	1	08/12/25 09:55	08/14/25 20:56	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
BF143396.D	1	08/12/25 09:55	08/14/25 22:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
BF143396.D	1	08/12/25 09:55	08/14/25 22:26	PB169223

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
BF143396.D	1	08/12/25 09:55	08/14/25 22:26	PB169223

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	UQ	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	70.2		10 - 130		47%	SPK: 150
4165-60-0	Nitrobenzene-d5	120		44 - 120		120%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		44 - 119		102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	196		43 - 140		131%	SPK: 150
1718-51-0	Terphenyl-d14	115		50 - 134		115%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151000	6.934				
1146-65-2	Naphthalene-d8	594000	8.21				
15067-26-2	Acenaphthene-d10	320000	9.969				
1517-22-2	Phenanthrene-d10	473000	11.457				
1719-03-5	Chrysene-d12	271000	14.098				
1520-96-3	Perylene-d12	338000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	96.9	JB			2.29	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.80	AB			5.17	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	21.4	J			7.63	ug/L
132739-31-2	1-(1-tert-Butoxypropan-2-yloxy)pro	2.80	J			8.43	ug/L
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	5.50	J			8.46	ug/L
	unknown8.581	4.70	J			8.58	ug/L
	unknown15.680	4.70	J			15.7	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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
BF143396.D	1	08/12/25 09:55	08/14/25 22:26	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
BP025429.D	1	08/12/25 09:55	08/15/25 16:12	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
BP025429.D	1	08/12/25 09:55	08/15/25 16:12	PB169223

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	6.30		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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
BP025429.D	1	08/12/25 09:55	08/15/25 16:12	PB169223

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	UQ	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	73.3		19 - 119		49%	SPK: 150
13127-88-3	Phenol-d6	57.5		10 - 130		38%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.2		44 - 120		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.6		44 - 119		68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	114		43 - 140		76%	SPK: 150
1718-51-0	Terphenyl-d14	65.2		50 - 134		65%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139000	7.784				
1146-65-2	Naphthalene-d8	566000	10.548				
15067-26-2	Acenaphthene-d10	379000	14.395				
1517-22-2	Phenanthrene-d10	746000	17.195				
1719-03-5	Chrysene-d12	804000	21.624				
1520-96-3	Perylene-d12	897000	24.983				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	73.3	JB			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.80	AB			4.94	ug/L
000119-61-9	Benzophenone	7.10	J			15.8	ug/L
001008-91-9	1-(4-Pyridinyl)piperazine	5.80	J			16.2	ug/L
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	8.20	J			16.3	ug/L
	unknown16.331	13.6	J			16.3	ug/L
024518-48-7	4-(7-Methyloctyl)phenol	8.90	J			16.4	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
BP025429.D	1	08/12/25 09:55	08/15/25 16:12	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown16.436	7.60	J			16.4	ug/L
	unknown16.483	5.70	J			16.5	ug/L
002050-44-4	Acetamide, N-(2,5-dimethylphenyl)-	4.90	J			16.5	ug/L
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	14.0	J			16.6	ug/L
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	8.40	J			16.7	ug/L
000537-92-8	Acetamide, N-(3-methylphenyl)-	3.20	J			16.7	ug/L
005142-22-3	6-Amino-1-methylpurine	5.10	J			16.7	ug/L
000057-10-3	n-Hexadecanoic acid	10.6	J			18.1	ug/L
000124-28-7	Dimantine	5.50	J			19.2	ug/L
000057-11-4	Octadecanoic acid	5.20	J			19.5	ug/L
002136-70-1	Ethanol, 2-(tetradecyloxy)-	6.50	J			21.3	ug/L
000630-01-3	Hexacosane	2.50	J			22.5	ug/L
007683-64-9	Supraene	2.40	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
BP025430.D	1	08/12/25 09:55	08/15/25 16:54	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
BP025430.D	1	08/12/25 09:55	08/15/25 16:54	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
BP025430.D	1	08/12/25 09:55	08/15/25 16:54	PB169223

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	UQ	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	52.9		19 - 119		35%	SPK: 150
13127-88-3	Phenol-d6	44.2		10 - 130		29%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.5		44 - 120		46%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.6	*	44 - 119		43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	73.5		43 - 140		49%	SPK: 150
1718-51-0	Terphenyl-d14	44.6	*	50 - 134		45%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145000	7.79				
1146-65-2	Naphthalene-d8	586000	10.554				
15067-26-2	Acenaphthene-d10	407000	14.407				
1517-22-2	Phenanthrene-d10	854000	17.195				
1719-03-5	Chrysene-d12	897000	21.642				
1520-96-3	Perylene-d12	1020000	25.007				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	82.5	JB			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.00	AB			4.95	ug/L
	unknown10.049	3.20	J			10.0	ug/L
000119-61-9	Benzophenone	15.6	J			15.8	ug/L
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	2.50	J			16.4	ug/L
000057-10-3	n-Hexadecanoic acid	14.4	J			18.1	ug/L
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	2.40	J			19.0	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-N	SDG No.:	Q2814
Lab Sample ID:	Q2814-18	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
BP025430.D	1	08/12/25 09:55	08/15/25 16:54	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000060-33-3	9,12-Octadecadienoic acid (Z,Z)-	2.10	J			19.3	ug/L
002027-47-6	9-Octadecenoic acid	2.20	J			19.3	ug/L
000057-11-4	Octadecanoic acid	5.10	J			19.5	ug/L
000112-95-8	Eicosane	2.20	J			20.8	ug/L
001599-67-3	1-Docosene	12.6	J			21.3	ug/L
000646-31-1	Tetracosane	3.50	J			21.9	ug/L
000629-94-7	Heneicosane	4.40	J			22.6	ug/L
000629-92-5	Nonadecane	2.70	J			23.3	ug/L
000111-02-4	Squalene	3.80	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
BP025522.D	1	08/12/25 09:55	08/21/25 01:15	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
BP025522.D	1	08/12/25 09:55	08/21/25 01:15	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-NRE	SDG No.:	Q2814
Lab Sample ID:	Q2814-18RE	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
BP025522.D	1	08/12/25 09:55	08/21/25 01:15	PB169223

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	UQ	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	53.6		19 - 119		36%	SPK: 150
13127-88-3	Phenol-d6	43.4		10 - 130		29%	SPK: 150
4165-60-0	Nitrobenzene-d5	47.3		44 - 120		47%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.1	*	44 - 119		43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.3		43 - 140		47%	SPK: 150
1718-51-0	Terphenyl-d14	43.3	*	50 - 134		43%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228000	7.79				
1146-65-2	Naphthalene-d8	906000	10.56				
15067-26-2	Acenaphthene-d10	566000	14.401				
1517-22-2	Phenanthrene-d10	1070000	17.189				
1719-03-5	Chrysene-d12	1100000	21.642				
1520-96-3	Perylene-d12	1240000	25.024				

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
BF143536.D	1	08/12/25 09:55	08/21/25 18:05	PB169223

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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
BF143536.D	1	08/12/25 09:55	08/21/25 18:05	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
BF143536.D	1	08/12/25 09:55	08/21/25 18:05	PB169223

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	UQ	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	74.0		19 - 119		49%	SPK: 150
13127-88-3	Phenol-d6	58.4		10 - 130		39%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.5		44 - 120		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.0		44 - 119		82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	112		43 - 140		74%	SPK: 150
1718-51-0	Terphenyl-d14	65.8		50 - 134		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.928				
1146-65-2	Naphthalene-d8	411000	8.204				
15067-26-2	Acenaphthene-d10	206000	9.963				
1517-22-2	Phenanthrene-d10	273000	11.451				
1719-03-5	Chrysene-d12	205000	14.092				
1520-96-3	Perylene-d12	251000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	95.7	JB			2.26	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	AB			5.15	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	2.80	J			8.11	ug/L
000119-61-9	Benzophenone	9.00	J			10.7	ug/L
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	2.10	J			11.0	ug/L
000057-10-3	n-Hexadecanoic acid	6.10	J			12.0	ug/L
000110-34-9	Hexadecanoic acid, 2-methylpropyl	2.30	J			12.7	ug/L

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-19	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
BF143536.D	1	08/12/25 09:55	08/21/25 18:05	PB169223

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000111-06-8	Hexadecanoic acid, butyl ester	5.00	J			12.9	ug/L
000123-95-5	Octadecanoic acid, butyl ester	3.20	J			13.6	ug/L
000629-94-7	Heneicosane	2.30	J			13.6	ug/L
007098-22-8	Tetratetracontane	2.90	J			13.9	ug/L
000629-99-2	Pentacosane	2.60	J			14.2	ug/L
000630-04-6	Hentriacontane	2.30	J			14.6	ug/L
000112-95-8	Eicosane	2.10	J			14.9	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
BP025427.D	1	08/12/25 09:55	08/15/25 14:49	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
BP025427.D	1	08/12/25 09:55	08/15/25 14:49	PB169223

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
BP025427.D	1	08/12/25 09:55	08/15/25 14:49	PB169223

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	UQ	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	93.3		19 - 119		62%	SPK: 150
13127-88-3	Phenol-d6	73.1		10 - 130		49%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.8		44 - 120		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.2		44 - 119		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	145		43 - 140		97%	SPK: 150
1718-51-0	Terphenyl-d14	84.5		50 - 134		85%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131000	7.79				
1146-65-2	Naphthalene-d8	536000	10.555				
15067-26-2	Acenaphthene-d10	359000	14.396				
1517-22-2	Phenanthrene-d10	752000	17.195				
1719-03-5	Chrysene-d12	813000	21.63				
1520-96-3	Perylene-d12	900000	24.995				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	76.3	JB			3.04	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.30	AB			4.94	ug/L
000134-62-3	Diethyltoluamide	2.10	J			15.1	ug/L
000119-61-9	Benzophenone	7.30	J			15.8	ug/L
000057-10-3	n-Hexadecanoic acid	5.20	J			18.1	ug/L
074685-33-9	3-Eicosene, (E)-	3.00	J			21.3	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-20	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
BP025427.D	1	08/12/25 09:55	08/15/25 14:49	PB169223

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:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-02	**TW-17M-N**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-03	**TW-17M-W**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-04	**TW-82H-N**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-05	**TW-82H-E**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-05RE	**TW-82H-ERE**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2814-06	**TW-82H-S**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-07	**TW-82H-W**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2814-08	**TW-38M-E**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-09	**TW-38M-W**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-10	**TW-38M-N**	**Water**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-11	**TW-38M-S**	**Water**			**08/06/25**			**08/08/25**

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LAB CHRONICLE

			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-12	**TW-BP-S**	**Water**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-13	**TW-BP-N**	**Water**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-14	**TW-BP-E**	**Water**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-15	**TW-BP-W**	**Water**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-16	**FB**	**Water**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/14/25	
Q2814-17	**TW-518R-S**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2814-18	**TW-518R-N**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	
Q2814-18RE	**TW-518R-NRE**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2814-19	**TW-518R-E**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/21/25	
Q2814-20	**TW-518R-W**	**Water**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/12/25	08/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2814 **Order ID:** Q2814

Client: First Environment, Inc. **Project ID:** USACE018-44 DOD

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-518R-S									
Q2814-17	TW-518R-S	WATER	Aroclor-1254	0.30	J	0.094	0.25	0.50	ug/L
			Total Concentration:	**0.300**					

SAMPLE DATA

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
PO112917.D	1	08/12/25 09:25	08/13/25 17:41	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	24.1		35 - 137		120%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		40 - 135		98%	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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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
PO112920.D	1	08/12/25 09:25	08/13/25 18:33	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	21.8		35 - 137		109%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		40 - 135		82%	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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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	500 Units: mL	Final Vol:	5000 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
PO112916.D	1	08/12/25 09:25	08/13/25 17:24	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	19.2		35 - 137		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		40 - 135		84%	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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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
PO112936.D	1	08/12/25 09:25	08/14/25 10:23	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	0.30	J	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	11.6		35 - 137		58%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		40 - 135		71%	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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LAB CHRONICLE

OrderID:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-03	**TW-17M-W**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-16	**FB**	**WATER**			**08/04/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
Q2814-17	**TW-518R-S**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2814 **Order ID:** Q2814

Client: First Environment, Inc. **Project ID:** USACE018-44 DOD

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-17M-W									
Q2814-03	TW-17M-W	WATER	alpha-Chlordane	0.93		0.0035	0.010	0.051	ug/L
Q2814-03	TW-17M-W	WATER	gamma-Chlordane	0.72		0.0039	0.010	0.051	ug/L
			Total Concentration:	**1.650**					
Client ID : TW-518R-S									
Q2814-17	TW-518R-S	WATER	Dieldrin	0.0061	J	0.0036	0.010	0.051	ug/L
Q2814-17	TW-518R-S	WATER	4,4-DDE	0.016	J	0.0037	0.010	0.051	ug/L
Q2814-17	TW-518R-S	WATER	Endrin	0.0051	J	0.0032	0.010	0.051	ug/L
Q2814-17	TW-518R-S	WATER	4,4-DDD	0.013	J	0.0072	0.025	0.051	ug/L
			Total Concentration:	**0.040**					

SAMPLE DATA

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
PL096831.D	1	08/12/25 10:20	08/15/25 18:59	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	0.010	U	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	0.025	U	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	17.3		30 - 135		86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		44 - 124		103%	SPK: 20

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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
PL096831.D	1	08/12/25 10:20	08/15/25 18:59	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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Fax : 908 789 8922

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
PL096832.D	1	08/12/25 10:20	08/15/25 19:13	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	0.010	U	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	0.010	U	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	0.93		0.0035	0.010	0.051	ug/L
5103-74-2	gamma-Chlordane	0.72		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	14.1		30 - 135		70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		44 - 124		91%	SPK: 20

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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
PL096832.D	1	08/12/25 10:20	08/15/25 19:13	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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	500 Units: mL	Final Vol:	5000 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
PL096833.D	1	08/12/25 10:20	08/15/25 19:26	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	0.010	U	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	0.025	U	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	13.6		30 - 135		68%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		44 - 124		93%	SPK: 20

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	500 Units: mL	Final Vol:	5000 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
PL096833.D	1	08/12/25 10:20	08/15/25 19:26	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
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J = Estimated Value
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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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
PL096834.D	1	08/12/25 10:20	08/15/25 19:40	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	0.0061	J	0.0036	0.010	0.051	ug/L
72-55-9	4,4-DDE	0.016	J	0.0037	0.010	0.051	ug/L
72-20-8	Endrin	0.0051	J	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	0.013	J	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	0.010	U	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	0.010	U	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	10.2		30 - 135		51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.5		44 - 124		68%	SPK: 20

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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
PL096834.D	1	08/12/25 10:20	08/15/25 19:40	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
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J = Estimated Value
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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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LAB CHRONICLE

OrderID:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2814-03	**TW-17M-W**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2814-16	**FB**	**WATER**			**08/04/25**			**08/08/25**
			PCB	8082A		08/12/25	08/13/25	
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2814-17	**TW-518R-S**	**WATER**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/14/25	
			Pesticide-TCL	8081B		08/12/25	08/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2814 **Order ID:** Q2814

Client: First Environment, Inc. **Project ID:** USACE018-44 DOD

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TW-84SB-E									
Q2814-01	TW-84SB-E	Water	Aluminum	461		5.67	40.0	50.0	ug/L
Q2814-01	TW-84SB-E	Water	Barium	31.3	J	7.28	12.5	50.0	ug/L
Q2814-01	TW-84SB-E	Water	Calcium	20500		117	250	1000	ug/L
Q2814-01	TW-84SB-E	Water	Chromium	1.87	J	1.06	2.50	5.00	ug/L
Q2814-01	TW-84SB-E	Water	Copper	3.36	J	2.30	8.00	10.0	ug/L
Q2814-01	TW-84SB-E	Water	Iron	1040		11.7	40.0	50.0	ug/L
Q2814-01	TW-84SB-E	Water	Lead	3.82	J	1.15	4.80	6.00	ug/L
Q2814-01	TW-84SB-E	Water	Magnesium	11500		122	250	1000	ug/L
Q2814-01	TW-84SB-E	Water	Manganese	19.4		2.97	7.50	10.0	ug/L
Q2814-01	TW-84SB-E	Water	Potassium	13600		459	800	1000	ug/L
Q2814-01	TW-84SB-E	Water	Sodium	65600		434	500	1000	ug/L
Q2814-01	TW-84SB-E	Water	Zinc	16.4	J	8.33	7.50	20.0	ug/L
Client ID : TW-17M-W									
Q2814-03	TW-17M-W	Water	Aluminum	2750		5.67	40.0	50.0	ug/L
Q2814-03	TW-17M-W	Water	Arsenic	6.27	J	2.56	7.50	10.0	ug/L
Q2814-03	TW-17M-W	Water	Barium	18.6	J	7.28	12.5	50.0	ug/L
Q2814-03	TW-17M-W	Water	Calcium	18400		117	250	1000	ug/L
Q2814-03	TW-17M-W	Water	Chromium	4.23	J	1.06	2.50	5.00	ug/L
Q2814-03	TW-17M-W	Water	Copper	7.20	J	2.30	8.00	10.0	ug/L
Q2814-03	TW-17M-W	Water	Iron	1770		11.7	40.0	50.0	ug/L
Q2814-03	TW-17M-W	Water	Lead	20.9		1.15	4.80	6.00	ug/L
Q2814-03	TW-17M-W	Water	Magnesium	6810		122	250	1000	ug/L
Q2814-03	TW-17M-W	Water	Manganese	102		2.97	7.50	10.0	ug/L
Q2814-03	TW-17M-W	Water	Mercury	0.14	J	0.076	0.16	0.20	ug/L
Q2814-03	TW-17M-W	Water	Nickel	1.74	J	1.53	5.00	20.0	ug/L
Q2814-03	TW-17M-W	Water	Potassium	4990		459	800	1000	ug/L
Q2814-03	TW-17M-W	Water	Sodium	43400		434	500	1000	ug/L
Q2814-03	TW-17M-W	Water	Vanadium	8.02	J	3.13	10.0	20.0	ug/L
Q2814-03	TW-17M-W	Water	Zinc	39.8		8.33	7.50	20.0	ug/L
Client ID : TW-518R-S									
Q2814-17	TW-518R-S	Water	Aluminum	233000	D	28.4	200	250	ug/L
Q2814-17	TW-518R-S	Water	Arsenic	304	D	12.8	37.5	50.0	ug/L
Q2814-17	TW-518R-S	Water	Barium	890	D	36.4	62.5	250	ug/L
Q2814-17	TW-518R-S	Water	Beryllium	15.9	D	1.40	3.75	15.0	ug/L
Q2814-17	TW-518R-S	Water	Cadmium	43.3	D	1.25	3.75	15.0	ug/L
Q2814-17	TW-518R-S	Water	Calcium	50900	D	585	1250	5000	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q2814 **Order ID:** Q2814

Client: First Environment, Inc. **Project ID:** USACE018-44 DOD

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2814-17	TW-518R-S	Water	Chromium	476	D	5.30	12.5	25.0	ug/L
Q2814-17	TW-518R-S	Water	Cobalt	152	D	5.65	18.8	75.0	ug/L
Q2814-17	TW-518R-S	Water	Copper	1300	D	11.5	40.0	50.0	ug/L
Q2814-17	TW-518R-S	Water	Iron	339000	D	58.5	200	250	ug/L
Q2814-17	TW-518R-S	Water	Lead	892	D	5.75	24.0	30.0	ug/L
Q2814-17	TW-518R-S	Water	Magnesium	56700	D	610	1250	5000	ug/L
Q2814-17	TW-518R-S	Water	Manganese	1190	D	14.9	37.5	50.0	ug/L
Q2814-17	TW-518R-S	Water	Mercury	0.28		0.076	0.16	0.20	ug/L
Q2814-17	TW-518R-S	Water	Nickel	288	D	7.65	25.0	100	ug/L
Q2814-17	TW-518R-S	Water	Potassium	46100	D	2300	4000	5000	ug/L
Q2814-17	TW-518R-S	Water	Silver	23.1	JD	4.05	12.5	25.0	ug/L
Q2814-17	TW-518R-S	Water	Sodium	373000	D	2170	2500	5000	ug/L
Q2814-17	TW-518R-S	Water	Vanadium	552	D	15.7	50.0	100	ug/L
Q2814-17	TW-518R-S	Water	Zinc	3920	D	41.7	37.5	100	ug/L
Client ID :	**TW-84SB-E**								
Q2814-22	TW-84SB-E	Water	Aluminum	19.9	J	5.67	40.0	50.0	ug/L
Q2814-22	TW-84SB-E	Water	Barium	27.5	J	7.28	12.5	50.0	ug/L
Q2814-22	TW-84SB-E	Water	Calcium	20700		117	250	1000	ug/L
Q2814-22	TW-84SB-E	Water	Copper	5.24	J	2.30	8.00	10.0	ug/L
Q2814-22	TW-84SB-E	Water	Iron	17.5	J	11.7	40.0	50.0	ug/L
Q2814-22	TW-84SB-E	Water	Magnesium	11800		122	250	1000	ug/L
Q2814-22	TW-84SB-E	Water	Manganese	4.05	J	2.97	7.50	10.0	ug/L
Q2814-22	TW-84SB-E	Water	Potassium	12600		459	800	1000	ug/L
Q2814-22	TW-84SB-E	Water	Sodium	65400		434	500	1000	ug/L
Q2814-22	TW-84SB-E	Water	Zinc	11.9	J	8.33	7.50	20.0	ug/L
Client ID :	**TW-17M-W**								
Q2814-23	TW-17M-W	Water	Aluminum	274		5.67	40.0	50.0	ug/L
Q2814-23	TW-17M-W	Water	Calcium	18400		117	250	1000	ug/L
Q2814-23	TW-17M-W	Water	Copper	52.2		2.30	8.00	10.0	ug/L
Q2814-23	TW-17M-W	Water	Iron	53.7		11.7	40.0	50.0	ug/L
Q2814-23	TW-17M-W	Water	Lead	4.30	J	1.15	4.80	6.00	ug/L
Q2814-23	TW-17M-W	Water	Magnesium	6790		122	250	1000	ug/L
Q2814-23	TW-17M-W	Water	Manganese	8.68	J	2.97	7.50	10.0	ug/L
Q2814-23	TW-17M-W	Water	Potassium	4370		459	800	1000	ug/L
Q2814-23	TW-17M-W	Water	Sodium	43000		434	500	1000	ug/L
Q2814-23	TW-17M-W	Water	Zinc	11.9	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-01	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	461		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:02	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 15:02	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 15:02	6010D	SW3010
7440-39-3	Barium	31.3	JN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 15:02	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 15:02	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 15:02	6010D	SW3010
7440-70-2	Calcium	20500		1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010
7440-47-3	Chromium	1.87	J	1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 15:02	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 15:02	6010D	SW3010
7440-50-8	Copper	3.36	J	1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010
7439-89-6	Iron	1040		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010
7439-92-1	Lead	3.82	J	1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010
7439-95-4	Magnesium	11500		1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010
7439-96-5	Manganese	19.4		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 15:02	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 14:50	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 15:02	6010D	SW3010
7440-09-7	Potassium	13600		1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 15:02	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 15:02	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 15:02	6010D	SW3010
7440-23-5	Sodium	65600		1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 15:02	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 15:02	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 15:02	6010D	SW3010
7440-66-6	Zinc	16.4	JN	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 15:02	6010D	SW3010

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

U = Not Detected
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MDL = Method Detection Limit
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Q = indicates LCS control criteria did not meet requirements

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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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-03	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	2750		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:06	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 15:06	6010D	SW3010
7440-38-2	Arsenic	6.27	J	1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7440-39-3	Barium	18.6	JN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/14/25 15:06	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 15:06	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 15:06	6010D	SW3010
7440-70-2	Calcium	18400		1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7440-47-3	Chromium	4.23	J	1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/14/25 15:06	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 15:06	6010D	SW3010
7440-50-8	Copper	7.20	J	1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7439-89-6	Iron	1770		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7439-92-1	Lead	20.9		1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7439-95-4	Magnesium	6810		1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7439-96-5	Manganese	102		1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7439-97-6	Mercury	0.14	J	1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 14:52	7470A	
7440-02-0	Nickel	1.74	J	1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7440-09-7	Potassium	4990		1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 15:06	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 15:06	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 15:06	6010D	SW3010
7440-23-5	Sodium	43400		1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 15:06	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 15:06	6010D	SW3010
7440-62-2	Vanadium	8.02	J	1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010
7440-66-6	Zinc	39.8	N	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/14/25 15:06	6010D	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
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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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2814
Lab Sample ID:	Q2814-16	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 15:10	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 15:10	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 15:10	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 15:10	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 15:10	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 15:10	6010D	SW3010
7440-70-2	Calcium	250	U	1	117	250	1000	ug/L	08/13/25 10:30	08/14/25 15:10	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 15:10	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 15:10	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 15:10	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 15:10	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 15:10	6010D	SW3010
7439-95-4	Magnesium	250	U	1	122	250	1000	ug/L	08/13/25 10:30	08/14/25 15:10	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 15:10	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 14:54	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 15:10	6010D	SW3010
7440-09-7	Potassium	800	U	1	459	800	1000	ug/L	08/13/25 10:30	08/14/25 15:10	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 15:10	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 15:10	6010D	SW3010
7440-23-5	Sodium	500	U	1	434	500	1000	ug/L	08/13/25 10:30	08/14/25 15:10	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 15:10	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 15:10	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 15:10	6010D	SW3010

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

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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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-518R-S	SDG No.:	Q2814
Lab Sample ID:	Q2814-17	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	233000	D	5	28.4	200	250	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-36-0	Antimony	31.3	UDN	5	16.9	31.3	125	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-38-2	Arsenic	304	D	5	12.8	37.5	50.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-39-3	Barium	890	DN	5	36.4	62.5	250	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-41-7	Beryllium	15.9	DN	5	1.40	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-43-9	Cadmium	43.3	D	5	1.25	3.75	15.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-70-2	Calcium	50900	D	5	585	1250	5000	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-47-3	Chromium	476	D	5	5.30	12.5	25.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-48-4	Cobalt	152	D	5	5.65	18.8	75.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-50-8	Copper	1300	D	5	11.5	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7439-89-6	Iron	339000	D	5	58.5	200	250	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7439-92-1	Lead	892	D	5	5.75	24.0	30.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7439-95-4	Magnesium	56700	D	5	610	1250	5000	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7439-96-5	Manganese	1190	D	5	14.9	37.5	50.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7439-97-6	Mercury	0.28		1	0.076	0.16	0.20	ug/L	08/12/25 11:30	08/12/25 15:01	7470A	
7440-02-0	Nickel	288	D	5	7.65	25.0	100	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-09-7	Potassium	46100	D	5	2300	4000	5000	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7782-49-2	Selenium	40.0	UD	5	24.1	40.0	50.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-22-4	Silver	23.1	JD	5	4.05	12.5	25.0	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-23-5	Sodium	373000	D	5	2170	2500	5000	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-28-0	Thallium	50.0	UD	5	10.9	50.0	100	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-62-2	Vanadium	552	D	5	15.7	50.0	100	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010
7440-66-6	Zinc	3920	DN	5	41.7	37.5	100	ug/L	08/13/25 10:30	08/14/25 15:15	6010D	SW3010

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

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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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-84SB-E	SDG No.:	Q2814
Lab Sample ID:	Q2814-22	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	19.9	J	1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/20/25 16:47	6010D	SW3010
7440-39-3	Barium	27.5	JN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	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 16:47	6010D	SW3010
7440-70-2	Calcium	20700		1	117	250	1000	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	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 16:47	6010D	SW3010
7440-50-8	Copper	5.24	J	1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/20/25 16:47	6010D	SW3010
7439-89-6	Iron	17.5	J	1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	6010D	SW3010
7439-95-4	Magnesium	11800		1	122	250	1000	ug/L	08/13/25 10:30	08/20/25 16:47	6010D	SW3010
7439-96-5	Manganese	4.05	J	1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/20/25 16:47	6010D	SW3010
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/14/25 10:30	08/15/25 12:27	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 16:47	6010D	SW3010
7440-09-7	Potassium	12600		1	459	800	1000	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	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 16:47	6010D	SW3010
7440-23-5	Sodium	65400		1	434	500	1000	ug/L	08/13/25 10:30	08/20/25 16:47	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 16:47	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/20/25 16:47	6010D	SW3010
7440-66-6	Zinc	11.9	JN	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/20/25 16:47	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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-17M-W	SDG No.:	Q2814
Lab Sample ID:	Q2814-23	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	274		1	5.67	40.0	50.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-36-0	Antimony	6.25	UN	1	3.38	6.25	25.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-38-2	Arsenic	7.50	U	1	2.56	7.50	10.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-39-3	Barium	12.5	UN	1	7.28	12.5	50.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-41-7	Beryllium	0.75	UN	1	0.28	0.75	3.00	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-43-9	Cadmium	0.75	U	1	0.25	0.75	3.00	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-70-2	Calcium	18400		1	117	250	1000	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-47-3	Chromium	2.50	U	1	1.06	2.50	5.00	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-48-4	Cobalt	3.75	U	1	1.13	3.75	15.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-50-8	Copper	52.2		1	2.30	8.00	10.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7439-89-6	Iron	53.7		1	11.7	40.0	50.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7439-92-1	Lead	4.30	J	1	1.15	4.80	6.00	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7439-95-4	Magnesium	6790		1	122	250	1000	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7439-96-5	Manganese	8.68	J	1	2.97	7.50	10.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7439-97-6	Mercury	0.16	U	1	0.076	0.16	0.20	ug/L	08/14/25 10:30	08/15/25 12:29	7470A	
7440-02-0	Nickel	5.00	U	1	1.53	5.00	20.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-09-7	Potassium	4370		1	459	800	1000	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7782-49-2	Selenium	8.00	U	1	4.82	8.00	10.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-22-4	Silver	2.50	U	1	0.81	2.50	5.00	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-23-5	Sodium	43000		1	434	500	1000	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-28-0	Thallium	10.0	U	1	2.19	10.0	20.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-62-2	Vanadium	10.0	U	1	3.13	10.0	20.0	ug/L	08/13/25 10:30	08/21/25 17:01	6010D	SW3010
7440-66-6	Zinc	11.9	JN	1	8.33	7.50	20.0	ug/L	08/13/25 10:30	08/21/25 17:01	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
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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:	Q2814	**OrderDate:**	8/11/2025 10:31:02 AM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2814-01	**TW-84SB-E**	**Water**			**08/05/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2814-03	**TW-17M-W**	**Water**			**08/05/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2814-16	**FB**	**Water**			**08/04/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2814-17	**TW-518R-S**	**Water**			**08/05/25**			**08/08/25**
			Mercury	7470A		08/12/25	08/12/25	
			Metals ICP-TAL	6010D		08/13/25	08/14/25	
Q2814-22	**TW-84SB-E**	**Water**			**08/05/25**			**08/08/25**
			Dissolved ICP-TAL Metals	6010D		08/13/25	08/20/25	
			Dissolved Mercury	7470A		08/14/25	08/15/25	
Q2814-23	**TW-17M-W**	**Water**			**08/05/25**			**08/08/25**
			Dissolved ICP-TAL Metals	6010D		08/13/25	08/21/25	
			Dissolved Mercury	7470A		08/14/25	08/15/25	

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. Q2814
COC Number 2045325

10
10.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment Inc
ADDRESS: 10 Park Place
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Al Smith
PHONE: 973-334-0003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: USACE FIMP
PROJECT NO.: USACE 018-44 LOCATION: Long Island
PROJECT MANAGER: Al Smith
e-mail: AlSmith@FirstEnvironment
PHONE: 973-334-0003 FAX:

CLIENT BILLING INFORMATION

BILL TO: Same PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 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: Pest 5: PCB 6 7 8 9

PRESERVATIVES

COMMENTS

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

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
1.	TW-84SB-G	GW		X	8/5/25	01:52	3	2	1		1	1				
2.	TW-17M-N	GW		X	8/5/25	05:17	3	2	1							
3.	TW-17M-W	GW		X	8/5/25	04:51	8	2	3	3						
4.	TW-82H-N	GW		X	8/6/25	02:00	3	2	1							
5.	TW-82H-E	GW		X	8/6/25	12:30	3	2	1							
6.	TW-82H-S	GW		X	8/6/25	01:00	3	2	1							
7.	TW-82H-W	GW		X	8/6/25	01:15	3	2	1							
8.	TW-38M-E	GW		X	8/6/25	10:49	3	2	1							
9.	TW-38M-W	GW		X	8/6/25	1033	3	2	1							
10.	TW-38M-N	GW		X	8/6/25	2210	3	2	1							

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.
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 3.6 °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

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2814
COC Number 2045326

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-38M-S	GW		4	8/4/25	0946	3	3	1								
2.	TW-BP-S	GW		X	8/4/25	1810	3	2	1								
3.	TW-BP-N	GW		4	8/4/25	1810	3	2	1								
4.	TW-BP-E	GW		4	8/4/25	1735	3	2	1								
5.	TW-BP-W	GW		4	8/4/25	1640	3	2	1								
6.	FB	GW		4	8/4/25	1810	3	2	1								
7.	TW-518R-S	GW		4	8/5/25	1027	3	2	1								
8.	TW-518R-N	GW		4	8/5/25	1037	3	2	1								
9.	TW-518R-E	GW		4	8/5/25	1047	3	2	1								
10.	TW-518R-W	GW		4	8/5/25	1057	3	2	1								

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	6:01	1. 8-8-25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 5.9 °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
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
Q2814-01	TW-84SB-E	Water	08/05/2025	~~01:52~~ 01:32	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-02	TW-17M-N	Water	08/05/2025	05:17	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-03	TW-17M-W	Water	08/05/2025	04:51	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-04	TW-82H-N	Water	08/06/2025	02:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-05	TW-82H-E	Water	08/06/2025	12:30	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-06	TW-82H-S	Water	08/06/2025	01:00	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-07	TW-82H-W	Water	08/06/2025	01:15	VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-08	TW-38M-E	Water	08/06/2025	10:49					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
Q2814-09	TW-38M-W	Water	08/06/2025	10:33					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-10	TW-38M-N	Water	08/06/2025	~~12:10~~ 10:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-11	TW-38M-S	Water	08/06/2025	09:46					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-12	TW-BP-S	Water	08/04/2025	18:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-13	TW-BP-N	Water	08/04/2025	18:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-14	TW-BP-E	Water	08/04/2025	17:35					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-15	TW-BP-W	Water	08/04/2025	16:40					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2814 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 10:31:02 AM
Project Name : USACE018-44 DOD
Receive DateTime : ~~8/11/2025~~ 6:01:00 PM
Purchase Order : 8/8/2025

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
Q2814-16	FB	Water	08/04/2025	18:10					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-17	~~TW518R-S~~ TW-518R-S	Water	08/05/2025	10:27					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-18	TW-518R-N	Water	08/05/2025	10:37					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-19	TW-518R-E	Water	08/05/2025	10:47					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-20	TW-518R-W	Water	08/05/2025	10:57					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q2814-21	TB	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

DP 08/16/2025

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q2814 FIRS02	**Order Date :**	8/11/2025 10:31:02 AM	**Project Mgr :**	
Client Name :	First Environment, Inc.	**Project Name :**	USACE018-44 DOD	**Report Type :**	Level 4
Client Contact :	Al Smith	**Receive DateTime :**	~~8/11/2025~~ 6:01:00 PM	**EDD Type :**	EQUIS
Invoice Name :	First Environment, Inc.	**Purchase Order :**	8/8/2025	**Hard Copy Date :**	
Invoice Contact :	Al Smith			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

stored in WA
Ref # 04

Relinguished By : [signature]
Date / Time : 8/11/25 11:56

Received By : [signature]
Date / Time : 8/11/25 12:05 pm

Storage Area : VOA Refridgerator Room