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 : Q2819

ATTENTION : Al Smith

Laboratory Certification ID # 20012

Table Of Contents for Q2819

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

Order ID : Q2819

Project ID : USACE018-44 DOD

Client : First Environment, Inc.

Lab Sample Number	Client Sample Number
Q2819-01	22BP-N
Q2819-02	22BP-E
Q2819-03	22BP-W
Q2819-04	22BP-S
Q2819-05	11M-W
Q2819-06	11M-S
Q2819-07	11M-N
Q2819-08	11M-E
Q2819-09	84SB-E
Q2819-10	84SB-S
Q2819-11	84SB-W
Q2819-12	17M-S
Q2819-13	17M-E
Q2819-14	17M-W
Q2819-15	17M-N
Q2819-16	38M-S
Q2819-17	38M-N
Q2819-18	38M-W
Q2819-19	38M-E
Q2819-20	82H-E

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

Signature : _____

Date: 8/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2819
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
20 Solid 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_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries were met for all analysis except for
84SB-S [4-Bromofluorobenzene - 78%],
84SB-SRE [4-Bromofluorobenzene - 70%],
84SB-W [4-Bromofluorobenzene - 76%] and
84SB-WRE [4-Bromofluorobenzene - 50%]
Samples were reanalyzed to confirm the failure and reported.

The Internal Standards Areas were met for all analysis except for 84SB-W, 84SB-WRE sample was reanalyzed to confirm the failure and reported.
The Retention Times were met for all analysis.

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

The %RSD is greater than 20% in the Initial Calibration method (82Y081225S.M) for Methylene chloride passing on Linear regression.

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The Continuous Calibration File ID VY023084.D met the requirements except for Chloroethane is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
The Sample #11M-E and 17M-N have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

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

Trip Blank was not provided with this set of samples.
The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2819
Test Name: SVOC-TCL BNA -20

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

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

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

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

The Surrogate recoveries were met for all analysis except for 22BP-E [Terphenyl-d14 - 52%], 11M-S [Terphenyl-d14 - 48%], 11M-N [Terphenyl-d14 - 50%], 84SB-E [Terphenyl-d14 - 51%], 84SB-W [Terphenyl-d14 - 37%], 17M-S [Terphenyl-d14 - 52%], 17M-E [Terphenyl-d14 - 40%], 17M-W [Terphenyl-d14 - 51%] and 17M-N [Terphenyl-d14 - 47%] as per method one surrogate is allowed to failed, therefore no corrective action was taken also 22BP-S [2-Fluorobiphenyl - 37%, Terphenyl-d14 - 35%], 22BP-SRE [2,4,6-Tribromophenol - 38%, Terphenyl-d14 - 32%],84SB-S [2,4,6-Tribromophenol - 34%, 2-Fluorobiphenyl - 34%, Nitrobenzene-d5 - 36%, Terphenyl-d14 - 31%], 84SB-SRE [2,4,6-Tribromophenol - 32%, 2-Fluorobiphenyl - 43%, Terphenyl-d14 - 33%] All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.

The RPD for {Q2819-17MSD} with File ID: BP025521.D met criteria except for 4-Chloroaniline[21%] due to difference in results of MS and MSD.

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The Blank Spike for {PB169242BS} with File ID: BP025489.D met requirements for all compounds except for 1,4-Dioxane[65%] is failing marginally low therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.

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

The Continuous Calibration File ID BF143539.D met the requirements except for Pentachlorophenol but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025487.D met the requirements except for 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol but no positive hit in associated sample therefore no corrective action taken.

The Continuous Calibration File ID BP025528.D met the requirements except for Benzaldehyde but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

Samples 38M-S was diluted due to dirty matrix.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

The not QT review data is reported in the Miscellaneous.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2819
Test Name: Pesticide-TCL

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

B. Parameters
According to the Chain of Custody document, the following analyses were requested: 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_D. 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 3541.

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

The Surrogate recoveries met the acceptable criteria except for 84SB-W [Decachlorobiphenyl(1)48%] as per method one surrogate is allowed to failed, therefore no corrective action was taken. 17M-WDL2 [Tetrachloro-m-xylene(2)132%] but this sample was required dilution as well due to high concentration, therefore no further corrective action taken..

The Retention Times were acceptable for all samples.

The MS recoveries for {Q2819-14MS} with File ID: PD089894.D met requirements for all samples except for [alpha-Chlordane(1)-31% - alpha-Chlordane(2)-15%], [gamma-Chlordane(1)-5% - gamma-Chlordane(2)15%], [Heptachlor epoxide(1)137% - Heptachlor epoxide(2)161%], , [Endosulfan II(2)514%], and [Endrin(2)177%] Due to matrix interference due to matrix interference.

The MSD {Q2819-14MSD} with File ID: PD089895.D recoveries met the acceptable requirements except for [alpha-Chlordane(1)-36% - alpha-Chlordane(2)-10%], [gamma-Chlordane(1)-15% - gamma-Chlordane(2)5%], [Heptachlor epoxide(1)148% -

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Heptachlor epoxide(2)160%], [Endosulfan II(2)520%], and [Endrin(2)176%] Due to matrix interference due to matrix interference.

The RPD for {Q2819-14MSD} with File ID: PD089895.D met criteria except for [Aldrin(1)50%], [gamma-Chlordane(1)100%], [Endosulfan I(2)39%] [Alpha-Chlordane(2)40%],[Gamma-Chlordane(2)100%] and [4,4-DDD(2)42%]due to difference in results of MS and MSD.

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

Samples 11M-S, 17M-W and 17M-WDL were diluted due to high concentrations.

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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

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

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2819
Test Name: PCB

A. Number of Samples and Date of Receipt:
20 Solid samples were received on 08/08/2025**.**

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. 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 3541.

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

The Surrogate recoveries were met for all analysis except for 84SB-W [Decachlorobiphenyl(1)59%]AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.
The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PO112850.D met the requirements except for Aroclor-1016(Peak-01),Tetrachloro-m-xylene is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.

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The Continuous Calibration File ID PP074302.D met the requirements except for Aroclor-1016(Peak-02),Tetrachloro-m-xylene is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

E. Additional Comments:
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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

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CASE NARRATIVE

First Environment, Inc.
Project Name: USACE018-44 DOD
Project # N/A
Order ID # Q2819
Test Name: Mercury,Metals ICP-TAL

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

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

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all compounds.
The Duplicate (POWDERMSD) analysis met criteria for all compounds except for Iron and Vanadium due to Chemical Interference during Digestion process.
The Matrix Spike (POWDERMS) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver, Thallium and Vanadium due to Chemical interference during Digestion Process.
The Matrix Spike Duplicate (POWDERMSD) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Potassium, Selenium, Silver and Vanadium 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 (POWDERL) met criteria for all compounds except for Aluminum, Calcium, Chromium, Copper, Iron, Manganese and Zinc due to sample matrix Interference.

E. Additional Comments:
The Post Digest Spike (POWDERA) analysis met criteria for all compounds except for Antimony, Arsenic, Beryllium, Chromium, Potassium, Selenium, Silver and Vanadium 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.

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DATA REPORTING QUALIFIERS- INORGANIC

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

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

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2819

	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
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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID:	**22BP-N**									
Q2819-01	22BP-N	SOIL	Acetone		5.40	J	3.40	14.2	17.7	ug/Kg
Q2819-01	22BP-N	SOIL	Methylene Chloride		5.70	J	2.50	5.70	7.10	ug/Kg
			Total Voc :		11.1					
			Total Concentration:		11.1					
Client ID:	**22BP-E**									
Q2819-02	22BP-E	SOIL	Acetone		8.00	J	3.80	16.0	20.0	ug/Kg
			Total Voc :		8.00					
			Total Concentration:		8.00					
Client ID:	**22BP-W**									
Q2819-03	22BP-W	SOIL	Carbon Disulfide		1.30	J	0.82	3.10	3.90	ug/Kg
			Total Voc :		1.30					
			Total Concentration:		1.30					
Client ID:	**22BP-S**									
Q2819-04	22BP-S	SOIL	Carbon Disulfide		1.50	J	1.10	4.00	5.00	ug/Kg
			Total Voc :		1.50					
			Total Concentration:		1.50					
Client ID:	**11M-N**									
Q2819-07	11M-N	SOIL	Acetone		51.1		4.90	20.8	26.1	ug/Kg
Q2819-07	11M-N	SOIL	Carbon Disulfide		1.60	J	1.10	4.20	5.20	ug/Kg
Q2819-07	11M-N	SOIL	2-Butanone		13.1	J	6.80	20.8	26.1	ug/Kg
Q2819-07	11M-N	SOIL	Toluene		6.30		0.81	2.60	5.20	ug/Kg
Q2819-07	11M-N	SOIL	Ethyl Benzene		54.8		0.70	2.60	5.20	ug/Kg
Q2819-07	11M-N	SOIL	m/p-Xylenes		190		1.30	5.20	10.4	ug/Kg
Q2819-07	11M-N	SOIL	o-Xylene		85.7		0.85	2.60	5.20	ug/Kg
Q2819-07	11M-N	SOIL	Isopropylbenzene		89.9		0.81	2.60	5.20	ug/Kg
			Total Voc :		493					
Q2819-07	11M-N	SOIL	Naphthalene, 1-methyl-	*	2400	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	2-Propenal, 3-phenyl-	*	380	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzo[c]thiophene	*	470	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzene, 1-ethyl-3-methyl-	*	220	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzene, 1-ethenyl-4-methyl-	*	3500	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzene, 2-ethenyl-1,4-dimeth	*	200	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	1H-Indene, 1-ethylidene-	*	1100	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzene, 1-ethenyl-4-ethyl-	*	310	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzene, 1-ethenyl-3-ethyl-	*	130	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	n-propylbenzene	*	11.2	J	0.76		5.20	ug/Kg
Q2819-07	11M-N	SOIL	1,3,5-Trimethylbenzene	*	150	J	0.85		5.20	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2819-07	11M-N	SOIL	1,2,4-Trimethylbenzene	*	410	J	0.67		5.20	ug/Kg
Q2819-07	11M-N	SOIL	p-Isopropyltoluene	*	51.8	J	0.65		5.20	ug/Kg
Q2819-07	11M-N	SOIL	n-Butylbenzene	*	2.40	J	1.50		5.20	ug/Kg
			Total Tics :		9340					
			Total Concentration:		9830					
Client ID:	**11M-E**									
Q2819-08	11M-E	SOIL	Acetone		20.7	J	6.00	25.5	31.8	ug/Kg
			Total Voc :		20.7					
Q2819-08	11M-E	SOIL	Naphthalene, 1-methyl-	*	22.3	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Naphthalene, 1,7-dimethyl-	*	54.6	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Naphthalene, 1,6-dimethyl-	*	100	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Naphthalene, 2,6-dimethyl-	*	24.9	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	1,1-Biphenyl, 4-methyl-	*	14.8	J	0		0	ug/Kg
			Total Tics :		217					
			Total Concentration:		237					
Client ID:	**84SB-E**									
Q2819-09	84SB-E	SOIL	Carbon Disulfide		3.20	J	3.20	12.1	15.1	ug/Kg
			Total Voc :		3.20					
Q2819-09	84SB-E	SOIL	Naphthalene, 1-methyl-	*	17.9	J	0		0	ug/Kg
			Total Tics :		17.9					
			Total Concentration:		21.1					
Client ID:	**84SB-W**									
Q2819-11	84SB-W	SOIL	Naphthalene, 1-methyl-	*	7.40	J	0		0	ug/Kg
Q2819-11	84SB-W	SOIL	3-Cyclohexyl-1-methyl-1-(2-ph	*	5.70	J	0		0	ug/Kg
			Total Tics :		13.1					
			Total Concentration:		13.1					

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.9
Sample Wt/Vol:	8.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032071.D	1	08/11/25 16:56	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.80	U	0.81	2.80	3.50	ug/Kg
74-87-3	Chloromethane	1.80	U	0.81	1.80	3.50	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	0.56	1.80	3.50	ug/Kg
74-83-9	Bromomethane	2.80	U	0.76	2.80	3.50	ug/Kg
75-00-3	Chloroethane	1.80	U	0.89	1.80	3.50	ug/Kg
75-69-4	Trichlorofluoromethane	2.80	U	0.86	2.80	3.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	0.75	1.80	3.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	0.71	1.80	3.50	ug/Kg
67-64-1	Acetone	5.40	J	3.40	14.2	17.7	ug/Kg
75-15-0	Carbon Disulfide	2.80	U	0.75	2.80	3.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	0.52	1.80	3.50	ug/Kg
79-20-9	Methyl Acetate	2.80	U	1.10	2.80	3.50	ug/Kg
75-09-2	Methylene Chloride	5.70	J	2.50	5.70	7.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.80	U	0.61	1.80	3.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	0.57	1.80	3.50	ug/Kg
110-82-7	Cyclohexane	1.80	U	0.56	1.80	3.50	ug/Kg
78-93-3	2-Butanone	14.2	U	4.60	14.2	17.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.80	U	0.69	1.80	3.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.80	U	0.53	1.80	3.50	ug/Kg
74-97-5	Bromochloromethane	2.80	U	0.81	2.80	3.50	ug/Kg
67-66-3	Chloroform	2.80	U	0.59	2.80	3.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	0.66	1.80	3.50	ug/Kg
108-87-2	Methylcyclohexane	1.80	U	0.64	1.80	3.50	ug/Kg
71-43-2	Benzene	1.80	U	0.56	1.80	3.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.80	U	0.56	1.80	3.50	ug/Kg
79-01-6	Trichloroethene	1.80	U	0.57	1.80	3.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.80	U	0.64	1.80	3.50	ug/Kg
75-27-4	Bromodichloromethane	1.80	U	0.55	1.80	3.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.80	U	2.50	8.80	17.7	ug/Kg
108-88-3	Toluene	1.80	U	0.55	1.80	3.50	ug/Kg

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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:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.9
Sample Wt/Vol:	8.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032071.D	1	08/11/25 16:56	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.80	U	0.46	1.80	3.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.80	U	0.44	1.80	3.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.80	U	0.65	1.80	3.50	ug/Kg
591-78-6	2-Hexanone	8.80	U	2.60	8.80	17.7	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	0.62	1.80	3.50	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	0.62	1.80	3.50	ug/Kg
127-18-4	Tetrachloroethene	1.80	U	0.74	1.80	3.50	ug/Kg
108-90-7	Chlorobenzene	1.80	U	0.64	1.80	3.50	ug/Kg
100-41-4	Ethyl Benzene	1.80	U	0.47	1.80	3.50	ug/Kg
179601-23-1	m/p-Xylenes	3.50	U	0.88	3.50	7.10	ug/Kg
95-47-6	o-Xylene	1.80	U	0.58	1.80	3.50	ug/Kg
100-42-5	Styrene	1.80	U	0.50	1.80	3.50	ug/Kg
75-25-2	Bromoform	1.80	U	0.61	1.80	3.50	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	0.55	1.80	3.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	0.86	1.80	3.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.20	1.80	3.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.10	1.80	3.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.00	1.80	3.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	1.30	2.80	3.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.10	2.80	3.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.80	U	2.30	2.80	3.50	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.0		71 - 136		104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	50.5		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	179000	7.965				
540-36-3	1,4-Difluorobenzene	370000	8.855				
3114-55-4	Chlorobenzene-d5	349000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	150000	13.556				

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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:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.9
Sample Wt/Vol:	8.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032071.D	1	08/11/25 16:56	VW081125

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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.7
Sample Wt/Vol:	7.28 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032072.D	1	08/11/25 17:18	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.20	U	0.91	3.20	4.00	ug/Kg
74-87-3	Chloromethane	2.00	U	0.91	2.00	4.00	ug/Kg
75-01-4	Vinyl Chloride	2.00	U	0.63	2.00	4.00	ug/Kg
74-83-9	Bromomethane	3.20	U	0.86	3.20	4.00	ug/Kg
75-00-3	Chloroethane	2.00	U	1.00	2.00	4.00	ug/Kg
75-69-4	Trichlorofluoromethane	3.20	U	0.97	3.20	4.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	0.85	2.00	4.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.00	U	0.80	2.00	4.00	ug/Kg
67-64-1	Acetone	8.00	J	3.80	16.0	20.0	ug/Kg
75-15-0	Carbon Disulfide	3.20	U	0.85	3.20	4.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.00	U	0.59	2.00	4.00	ug/Kg
79-20-9	Methyl Acetate	3.20	U	1.20	3.20	4.00	ug/Kg
75-09-2	Methylene Chloride	6.40	U	2.80	6.40	8.00	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.00	U	0.69	2.00	4.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.00	U	0.64	2.00	4.00	ug/Kg
110-82-7	Cyclohexane	2.00	U	0.63	2.00	4.00	ug/Kg
78-93-3	2-Butanone	16.0	U	5.20	16.0	20.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	0.78	2.00	4.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.00	U	0.60	2.00	4.00	ug/Kg
74-97-5	Bromochloromethane	3.20	U	0.92	3.20	4.00	ug/Kg
67-66-3	Chloroform	3.20	U	0.67	3.20	4.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.00	U	0.75	2.00	4.00	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	0.73	2.00	4.00	ug/Kg
71-43-2	Benzene	2.00	U	0.63	2.00	4.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.00	U	0.63	2.00	4.00	ug/Kg
79-01-6	Trichloroethene	2.00	U	0.65	2.00	4.00	ug/Kg
78-87-5	1,2-Dichloropropane	2.00	U	0.73	2.00	4.00	ug/Kg
75-27-4	Bromodichloromethane	2.00	U	0.63	2.00	4.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.0	U	2.90	10.0	20.0	ug/Kg
108-88-3	Toluene	2.00	U	0.63	2.00	4.00	ug/Kg

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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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.7
Sample Wt/Vol:	7.28 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032072.D	1	08/11/25 17:18	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.00	U	0.52	2.00	4.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.00	U	0.50	2.00	4.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.00	U	0.74	2.00	4.00	ug/Kg
591-78-6	2-Hexanone	10.0	U	3.00	10.0	20.0	ug/Kg
124-48-1	Dibromochloromethane	2.00	U	0.70	2.00	4.00	ug/Kg
106-93-4	1,2-Dibromoethane	2.00	U	0.71	2.00	4.00	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	0.84	2.00	4.00	ug/Kg
108-90-7	Chlorobenzene	2.00	U	0.73	2.00	4.00	ug/Kg
100-41-4	Ethyl Benzene	2.00	U	0.54	2.00	4.00	ug/Kg
179601-23-1	m/p-Xylenes	4.00	U	0.99	4.00	8.00	ug/Kg
95-47-6	o-Xylene	2.00	U	0.66	2.00	4.00	ug/Kg
100-42-5	Styrene	2.00	U	0.57	2.00	4.00	ug/Kg
75-25-2	Bromoform	2.00	U	0.69	2.00	4.00	ug/Kg
98-82-8	Isopropylbenzene	2.00	U	0.63	2.00	4.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.00	U	0.97	2.00	4.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	1.40	2.00	4.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	1.30	2.00	4.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.00	U	1.20	2.00	4.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.20	U	1.50	3.20	4.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.20	U	2.40	3.20	4.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	2.50	3.20	4.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.9		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.6		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		79 - 119		109%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	162000	7.959				
540-36-3	1,4-Difluorobenzene	348000	8.855				
3114-55-4	Chlorobenzene-d5	335000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	163000	13.556				

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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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.7
Sample Wt/Vol:	7.28 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032072.D	1	08/11/25 17:18	VW081125

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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.8
Sample Wt/Vol:	7.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032073.D	1	08/11/25 17:41	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.10	U	0.88	3.10	3.90	ug/Kg
74-87-3	Chloromethane	1.90	U	0.88	1.90	3.90	ug/Kg
75-01-4	Vinyl Chloride	1.90	U	0.61	1.90	3.90	ug/Kg
74-83-9	Bromomethane	3.10	U	0.83	3.10	3.90	ug/Kg
75-00-3	Chloroethane	1.90	U	0.98	1.90	3.90	ug/Kg
75-69-4	Trichlorofluoromethane	3.10	U	0.94	3.10	3.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	U	0.82	1.90	3.90	ug/Kg
75-35-4	1,1-Dichloroethene	1.90	U	0.77	1.90	3.90	ug/Kg
67-64-1	Acetone	15.5	U	3.70	15.5	19.3	ug/Kg
75-15-0	Carbon Disulfide	1.30	J	0.82	3.10	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	0.56	1.90	3.90	ug/Kg
79-20-9	Methyl Acetate	3.10	U	1.20	3.10	3.90	ug/Kg
75-09-2	Methylene Chloride	6.20	U	2.70	6.20	7.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	0.67	1.90	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	1.90	U	0.62	1.90	3.90	ug/Kg
110-82-7	Cyclohexane	1.90	U	0.61	1.90	3.90	ug/Kg
78-93-3	2-Butanone	15.5	U	5.10	15.5	19.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.90	U	0.75	1.90	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	0.58	1.90	3.90	ug/Kg
74-97-5	Bromochloromethane	3.10	U	0.89	3.10	3.90	ug/Kg
67-66-3	Chloroform	3.10	U	0.65	3.10	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.90	U	0.72	1.90	3.90	ug/Kg
108-87-2	Methylcyclohexane	1.90	U	0.70	1.90	3.90	ug/Kg
71-43-2	Benzene	1.90	U	0.61	1.90	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	1.90	U	0.61	1.90	3.90	ug/Kg
79-01-6	Trichloroethene	1.90	U	0.63	1.90	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	1.90	U	0.70	1.90	3.90	ug/Kg
75-27-4	Bromodichloromethane	1.90	U	0.60	1.90	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.70	U	2.80	9.70	19.3	ug/Kg
108-88-3	Toluene	1.90	U	0.60	1.90	3.90	ug/Kg

Alliance TECHNICAL GROUP
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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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.8
Sample Wt/Vol:	7.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032073.D	1	08/11/25 17:41	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.90	U	0.50	1.90	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.90	U	0.48	1.90	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	0.71	1.90	3.90	ug/Kg
591-78-6	2-Hexanone	9.70	U	2.90	9.70	19.3	ug/Kg
124-48-1	Dibromochloromethane	1.90	U	0.67	1.90	3.90	ug/Kg
106-93-4	1,2-Dibromoethane	1.90	U	0.68	1.90	3.90	ug/Kg
127-18-4	Tetrachloroethene	1.90	U	0.81	1.90	3.90	ug/Kg
108-90-7	Chlorobenzene	1.90	U	0.70	1.90	3.90	ug/Kg
100-41-4	Ethyl Benzene	1.90	U	0.52	1.90	3.90	ug/Kg
179601-23-1	m/p-Xylenes	3.90	U	0.96	3.90	7.70	ug/Kg
95-47-6	o-Xylene	1.90	U	0.63	1.90	3.90	ug/Kg
100-42-5	Styrene	1.90	U	0.55	1.90	3.90	ug/Kg
75-25-2	Bromoform	1.90	U	0.67	1.90	3.90	ug/Kg
98-82-8	Isopropylbenzene	1.90	U	0.60	1.90	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	0.94	1.90	3.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.30	1.90	3.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.20	1.90	3.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.10	1.90	3.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.10	U	1.40	3.10	3.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	2.30	3.10	3.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.10	U	2.50	3.10	3.90	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.6		71 - 136		113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	49.7		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	163000	7.965				
540-36-3	1,4-Difluorobenzene	351000	8.855				
3114-55-4	Chlorobenzene-d5	336000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.556				

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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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.8
Sample Wt/Vol:	7.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032073.D	1	08/11/25 17:41	VW081125

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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032074.D	1	08/11/25 18:03	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.00	U	1.10	4.00	5.00	ug/Kg
74-87-3	Chloromethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.79	2.50	5.00	ug/Kg
74-83-9	Bromomethane	4.00	U	1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	2.50	U	1.30	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	4.00	U	1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	1.00	2.50	5.00	ug/Kg
67-64-1	Acetone	20.0	U	4.70	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.50	J	1.10	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.73	2.50	5.00	ug/Kg
79-20-9	Methyl Acetate	4.00	U	1.50	4.00	5.00	ug/Kg
75-09-2	Methylene Chloride	8.00	U	3.50	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.86	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.80	2.50	5.00	ug/Kg
110-82-7	Cyclohexane	2.50	U	0.79	2.50	5.00	ug/Kg
78-93-3	2-Butanone	20.0	U	6.50	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.97	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.75	2.50	5.00	ug/Kg
74-97-5	Bromochloromethane	4.00	U	1.10	4.00	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.84	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.93	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.91	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.79	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.79	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.81	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.91	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.78	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.5	U	3.60	12.5	25.0	ug/Kg
108-88-3	Toluene	2.50	U	0.78	2.50	5.00	ug/Kg

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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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032074.D	1	08/11/25 18:03	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.65	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.62	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.92	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	12.5	U	3.70	12.5	25.0	ug/Kg
124-48-1	Dibromochloromethane	2.50	U	0.87	2.50	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	2.50	U	0.88	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.00	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.91	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.67	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	5.00	U	1.20	5.00	10.0	ug/Kg
95-47-6	o-Xylene	2.50	U	0.82	2.50	5.00	ug/Kg
100-42-5	Styrene	2.50	U	0.71	2.50	5.00	ug/Kg
75-25-2	Bromoform	2.50	U	0.86	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.78	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.60	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.40	2.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.00	U	1.80	4.00	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.00	U	3.00	4.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.00	U	3.20	4.00	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.0		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		78 - 119		100%	SPK: 50
2037-26-5	Toluene-d8	49.6		85 - 116		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.959				
540-36-3	1,4-Difluorobenzene	354000	8.855				
3114-55-4	Chlorobenzene-d5	341000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.556				

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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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032074.D	1	08/11/25 18:03	VW081125

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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.5
Sample Wt/Vol:	6.21 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032075.D	1	08/11/25 18:25	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.50	U	1.00	3.50	4.40	ug/Kg
74-87-3	Chloromethane	2.20	U	1.00	2.20	4.40	ug/Kg
75-01-4	Vinyl Chloride	2.20	U	0.70	2.20	4.40	ug/Kg
74-83-9	Bromomethane	3.50	U	0.94	3.50	4.40	ug/Kg
75-00-3	Chloroethane	2.20	U	1.10	2.20	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	3.50	U	1.10	3.50	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.20	U	0.93	2.20	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	2.20	U	0.88	2.20	4.40	ug/Kg
67-64-1	Acetone	17.6	U	4.20	17.6	22.0	ug/Kg
75-15-0	Carbon Disulfide	3.50	U	0.93	3.50	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.20	U	0.64	2.20	4.40	ug/Kg
79-20-9	Methyl Acetate	3.50	U	1.40	3.50	4.40	ug/Kg
75-09-2	Methylene Chloride	7.00	U	3.10	7.00	8.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	0.76	2.20	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	2.20	U	0.70	2.20	4.40	ug/Kg
110-82-7	Cyclohexane	2.20	U	0.70	2.20	4.40	ug/Kg
78-93-3	2-Butanone	17.6	U	5.80	17.6	22.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.20	U	0.85	2.20	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.20	U	0.66	2.20	4.40	ug/Kg
74-97-5	Bromochloromethane	3.50	U	1.00	3.50	4.40	ug/Kg
67-66-3	Chloroform	3.50	U	0.74	3.50	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.20	U	0.82	2.20	4.40	ug/Kg
108-87-2	Methylcyclohexane	2.20	U	0.80	2.20	4.40	ug/Kg
71-43-2	Benzene	2.20	U	0.70	2.20	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	2.20	U	0.70	2.20	4.40	ug/Kg
79-01-6	Trichloroethene	2.20	U	0.71	2.20	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	2.20	U	0.80	2.20	4.40	ug/Kg
75-27-4	Bromodichloromethane	2.20	U	0.69	2.20	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.0	U	3.20	11.0	22.0	ug/Kg
108-88-3	Toluene	2.20	U	0.69	2.20	4.40	ug/Kg

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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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.5
Sample Wt/Vol:	6.21 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032075.D	1	08/11/25 18:25	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.20	U	0.57	2.20	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.20	U	0.55	2.20	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.20	U	0.81	2.20	4.40	ug/Kg
591-78-6	2-Hexanone	11.0	U	3.20	11.0	22.0	ug/Kg
124-48-1	Dibromochloromethane	2.20	U	0.77	2.20	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	2.20	U	0.77	2.20	4.40	ug/Kg
127-18-4	Tetrachloroethene	2.20	U	0.92	2.20	4.40	ug/Kg
108-90-7	Chlorobenzene	2.20	U	0.80	2.20	4.40	ug/Kg
100-41-4	Ethyl Benzene	2.20	U	0.59	2.20	4.40	ug/Kg
179601-23-1	m/p-Xylenes	4.40	U	1.10	4.40	8.80	ug/Kg
95-47-6	o-Xylene	2.20	U	0.72	2.20	4.40	ug/Kg
100-42-5	Styrene	2.20	U	0.62	2.20	4.40	ug/Kg
75-25-2	Bromoform	2.20	U	0.76	2.20	4.40	ug/Kg
98-82-8	Isopropylbenzene	2.20	U	0.69	2.20	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	1.10	2.20	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	1.50	2.20	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	1.40	2.20	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	1.30	2.20	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.50	U	1.60	3.50	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.50	U	2.60	3.50	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	2.80	3.50	4.40	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.2		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	52.7		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.4		79 - 119		115%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	160000	7.965				
540-36-3	1,4-Difluorobenzene	348000	8.849				
3114-55-4	Chlorobenzene-d5	344000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	158000	13.562				

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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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.5
Sample Wt/Vol:	6.21 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032075.D	1	08/11/25 18:25	VW081125

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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032076.D	1	08/11/25 18:47	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.90	U	1.10	3.90	4.80	ug/Kg
74-87-3	Chloromethane	2.40	U	1.10	2.40	4.80	ug/Kg
75-01-4	Vinyl Chloride	2.40	U	0.76	2.40	4.80	ug/Kg
74-83-9	Bromomethane	3.90	U	1.00	3.90	4.80	ug/Kg
75-00-3	Chloroethane	2.40	U	1.20	2.40	4.80	ug/Kg
75-69-4	Trichlorofluoromethane	3.90	U	1.20	3.90	4.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.40	U	1.00	2.40	4.80	ug/Kg
75-35-4	1,1-Dichloroethene	2.40	U	0.97	2.40	4.80	ug/Kg
67-64-1	Acetone	19.4	U	4.60	19.4	24.2	ug/Kg
75-15-0	Carbon Disulfide	3.90	U	1.00	3.90	4.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.40	U	0.71	2.40	4.80	ug/Kg
79-20-9	Methyl Acetate	3.90	U	1.50	3.90	4.80	ug/Kg
75-09-2	Methylene Chloride	7.70	U	3.40	7.70	9.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.40	U	0.83	2.40	4.80	ug/Kg
75-34-3	1,1-Dichloroethane	2.40	U	0.77	2.40	4.80	ug/Kg
110-82-7	Cyclohexane	2.40	U	0.76	2.40	4.80	ug/Kg
78-93-3	2-Butanone	19.4	U	6.30	19.4	24.2	ug/Kg
56-23-5	Carbon Tetrachloride	2.40	U	0.94	2.40	4.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.40	U	0.73	2.40	4.80	ug/Kg
74-97-5	Bromochloromethane	3.90	U	1.10	3.90	4.80	ug/Kg
67-66-3	Chloroform	3.90	U	0.81	3.90	4.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.40	U	0.90	2.40	4.80	ug/Kg
108-87-2	Methylcyclohexane	2.40	U	0.88	2.40	4.80	ug/Kg
71-43-2	Benzene	2.40	U	0.76	2.40	4.80	ug/Kg
107-06-2	1,2-Dichloroethane	2.40	U	0.76	2.40	4.80	ug/Kg
79-01-6	Trichloroethene	2.40	U	0.78	2.40	4.80	ug/Kg
78-87-5	1,2-Dichloropropane	2.40	U	0.88	2.40	4.80	ug/Kg
75-27-4	Bromodichloromethane	2.40	U	0.75	2.40	4.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.1	U	3.50	12.1	24.2	ug/Kg
108-88-3	Toluene	2.40	U	0.75	2.40	4.80	ug/Kg

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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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032076.D	1	08/11/25 18:47	VW081125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.40	U	0.63	2.40	4.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.40	U	0.60	2.40	4.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.40	U	0.89	2.40	4.80	ug/Kg
591-78-6	2-Hexanone	12.1	U	3.60	12.1	24.2	ug/Kg
124-48-1	Dibromochloromethane	2.40	U	0.84	2.40	4.80	ug/Kg
106-93-4	1,2-Dibromoethane	2.40	U	0.85	2.40	4.80	ug/Kg
127-18-4	Tetrachloroethene	2.40	U	1.00	2.40	4.80	ug/Kg
108-90-7	Chlorobenzene	2.40	U	0.88	2.40	4.80	ug/Kg
100-41-4	Ethyl Benzene	2.40	U	0.65	2.40	4.80	ug/Kg
179601-23-1	m/p-Xylenes	4.80	U	1.20	4.80	9.70	ug/Kg
95-47-6	o-Xylene	2.40	U	0.79	2.40	4.80	ug/Kg
100-42-5	Styrene	2.40	U	0.69	2.40	4.80	ug/Kg
75-25-2	Bromoform	2.40	U	0.83	2.40	4.80	ug/Kg
98-82-8	Isopropylbenzene	2.40	U	0.75	2.40	4.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.40	U	1.20	2.40	4.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.40	U	1.70	2.40	4.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.40	U	1.50	2.40	4.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.40	U	1.40	2.40	4.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.90	U	1.80	3.90	4.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.90	U	2.90	3.90	4.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.90	U	3.10	3.90	4.80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.2		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	50.3		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.2		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	166000	7.959				
540-36-3	1,4-Difluorobenzene	348000	8.855				
3114-55-4	Chlorobenzene-d5	338000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.556				

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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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	90.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032076.D	1	08/11/25 18:47	VW081125

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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	75.9
Sample Wt/Vol:	6.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023069.D	1	08/13/25 14:55	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.20	U	1.20	4.20	5.20	ug/Kg
74-87-3	Chloromethane	2.60	U	1.20	2.60	5.20	ug/Kg
75-01-4	Vinyl Chloride	2.60	U	0.82	2.60	5.20	ug/Kg
74-83-9	Bromomethane	4.20	U	1.10	4.20	5.20	ug/Kg
75-00-3	Chloroethane	2.60	U	1.30	2.60	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	4.20	U	1.30	4.20	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.60	U	1.10	2.60	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	2.60	U	1.00	2.60	5.20	ug/Kg
67-64-1	Acetone	51.1		4.90	20.8	26.1	ug/Kg
75-15-0	Carbon Disulfide	1.60	J	1.10	4.20	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.60	U	0.76	2.60	5.20	ug/Kg
79-20-9	Methyl Acetate	4.20	U	1.60	4.20	5.20	ug/Kg
75-09-2	Methylene Chloride	8.30	U	3.70	8.30	10.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.60	U	0.90	2.60	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	2.60	U	0.83	2.60	5.20	ug/Kg
110-82-7	Cyclohexane	2.60	U	0.82	2.60	5.20	ug/Kg
78-93-3	2-Butanone	13.1	J	6.80	20.8	26.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.60	U	1.00	2.60	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.60	U	0.78	2.60	5.20	ug/Kg
74-97-5	Bromochloromethane	4.20	U	1.20	4.20	5.20	ug/Kg
67-66-3	Chloroform	4.20	U	0.88	4.20	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.60	U	0.97	2.60	5.20	ug/Kg
108-87-2	Methylcyclohexane	2.60	U	0.95	2.60	5.20	ug/Kg
71-43-2	Benzene	2.60	U	0.82	2.60	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	2.60	U	0.82	2.60	5.20	ug/Kg
79-01-6	Trichloroethene	2.60	U	0.84	2.60	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	2.60	U	0.95	2.60	5.20	ug/Kg
75-27-4	Bromodichloromethane	2.60	U	0.81	2.60	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.0	U	3.70	13.0	26.1	ug/Kg
108-88-3	Toluene	6.30		0.81	2.60	5.20	ug/Kg

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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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	75.9
Sample Wt/Vol:	6.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023069.D	1	08/13/25 14:55	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.60	U	0.68	2.60	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.60	U	0.65	2.60	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.60	U	0.96	2.60	5.20	ug/Kg
591-78-6	2-Hexanone	13.0	U	3.80	13.0	26.1	ug/Kg
124-48-1	Dibromochloromethane	2.60	U	0.91	2.60	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	2.60	U	0.92	2.60	5.20	ug/Kg
127-18-4	Tetrachloroethene	2.60	U	1.10	2.60	5.20	ug/Kg
108-90-7	Chlorobenzene	2.60	U	0.95	2.60	5.20	ug/Kg
100-41-4	Ethyl Benzene	54.8		0.70	2.60	5.20	ug/Kg
179601-23-1	m/p-Xylenes	190		1.30	5.20	10.4	ug/Kg
95-47-6	o-Xylene	85.7		0.85	2.60	5.20	ug/Kg
100-42-5	Styrene	2.60	U	0.74	2.60	5.20	ug/Kg
75-25-2	Bromoform	2.60	U	0.90	2.60	5.20	ug/Kg
98-82-8	Isopropylbenzene	89.9		0.81	2.60	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	1.30	2.60	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.60	U	1.80	2.60	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.60	U	1.60	2.60	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.60	U	1.50	2.60	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.20	U	1.90	4.20	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.20	U	3.10	4.20	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.20	U	3.30	4.20	5.20	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.6		71 - 136		133%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	51.4		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	499000	7.707				
540-36-3	1,4-Difluorobenzene	998000	8.609				
3114-55-4	Chlorobenzene-d5	877000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	339000	13.34				
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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	75.9
Sample Wt/Vol:	6.32 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023069.D	1	08/13/25 14:55	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
103-65-1	n-propylbenzene	11.2	J			12.6	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	220	J			12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	150	J			12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	410	J			13.0	ug/Kg
99-87-6	p-Isopropyltoluene	51.8	J			13.3	ug/Kg
000622-97-9	Benzene, 1-ethenyl-4-methyl-	3500	J			13.5	ug/Kg
104-51-8	n-Butylbenzene	2.40	J			13.6	ug/Kg
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	130	J			14.0	ug/Kg
000104-55-2	2-Propenal, 3-phenyl-	380	J			14.3	ug/Kg
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	200	J			14.5	ug/Kg
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	310	J			14.6	ug/Kg
000270-82-6	Benzo[c]thiophene	470	J			15.2	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	2400	J			16.2	ug/Kg
002471-83-2	1H-Indene, 1-ethylidene-	1100	J			16.4	ug/Kg

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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.8
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023070.D	1	08/13/25 15:19	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.10	U	1.50	5.10	6.40	ug/Kg
74-87-3	Chloromethane	3.20	U	1.50	3.20	6.40	ug/Kg
75-01-4	Vinyl Chloride	3.20	U	1.00	3.20	6.40	ug/Kg
74-83-9	Bromomethane	5.10	U	1.40	5.10	6.40	ug/Kg
75-00-3	Chloroethane	3.20	U	1.60	3.20	6.40	ug/Kg
75-69-4	Trichlorofluoromethane	5.10	U	1.50	5.10	6.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.20	U	1.30	3.20	6.40	ug/Kg
75-35-4	1,1-Dichloroethene	3.20	U	1.30	3.20	6.40	ug/Kg
67-64-1	Acetone	20.7	J	6.00	25.5	31.8	ug/Kg
75-15-0	Carbon Disulfide	5.10	U	1.30	5.10	6.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.20	U	0.93	3.20	6.40	ug/Kg
79-20-9	Methyl Acetate	5.10	U	2.00	5.10	6.40	ug/Kg
75-09-2	Methylene Chloride	10.2	U	4.50	10.2	12.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.20	U	1.10	3.20	6.40	ug/Kg
75-34-3	1,1-Dichloroethane	3.20	U	1.00	3.20	6.40	ug/Kg
110-82-7	Cyclohexane	3.20	U	1.00	3.20	6.40	ug/Kg
78-93-3	2-Butanone	25.5	U	8.30	25.5	31.8	ug/Kg
56-23-5	Carbon Tetrachloride	3.20	U	1.20	3.20	6.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.20	U	0.95	3.20	6.40	ug/Kg
74-97-5	Bromochloromethane	5.10	U	1.50	5.10	6.40	ug/Kg
67-66-3	Chloroform	5.10	U	1.10	5.10	6.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.20	U	1.20	3.20	6.40	ug/Kg
108-87-2	Methylcyclohexane	3.20	U	1.20	3.20	6.40	ug/Kg
71-43-2	Benzene	3.20	U	1.00	3.20	6.40	ug/Kg
107-06-2	1,2-Dichloroethane	3.20	U	1.00	3.20	6.40	ug/Kg
79-01-6	Trichloroethene	3.20	U	1.00	3.20	6.40	ug/Kg
78-87-5	1,2-Dichloropropane	3.20	U	1.20	3.20	6.40	ug/Kg
75-27-4	Bromodichloromethane	3.20	U	0.99	3.20	6.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	15.9	U	4.60	15.9	31.8	ug/Kg
108-88-3	Toluene	3.20	U	0.99	3.20	6.40	ug/Kg

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.8
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023070.D	1	08/13/25 15:19	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	3.20	U	0.83	3.20	6.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	3.20	U	0.79	3.20	6.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	3.20	U	1.20	3.20	6.40	ug/Kg
591-78-6	2-Hexanone	15.9	U	4.70	15.9	31.8	ug/Kg
124-48-1	Dibromochloromethane	3.20	U	1.10	3.20	6.40	ug/Kg
106-93-4	1,2-Dibromoethane	3.20	U	1.10	3.20	6.40	ug/Kg
127-18-4	Tetrachloroethene	3.20	U	1.30	3.20	6.40	ug/Kg
108-90-7	Chlorobenzene	3.20	U	1.20	3.20	6.40	ug/Kg
100-41-4	Ethyl Benzene	3.20	U	0.85	3.20	6.40	ug/Kg
179601-23-1	m/p-Xylenes	6.40	U	1.60	6.40	12.7	ug/Kg
95-47-6	o-Xylene	3.20	U	1.00	3.20	6.40	ug/Kg
100-42-5	Styrene	3.20	U	0.90	3.20	6.40	ug/Kg
75-25-2	Bromoform	3.20	U	1.10	3.20	6.40	ug/Kg
98-82-8	Isopropylbenzene	3.20	U	0.99	3.20	6.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	3.20	U	1.50	3.20	6.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.20	U	2.20	3.20	6.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.20	U	2.00	3.20	6.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.20	U	1.80	3.20	6.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.10	U	2.30	5.10	6.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.10	U	3.80	5.10	6.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.10	U	4.00	5.10	6.40	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.9		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	51.3		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.9		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	520000	7.707				
540-36-3	1,4-Difluorobenzene	1040000	8.609				
3114-55-4	Chlorobenzene-d5	905000	11.407				
3855-82-1	1,4-Dichlorobenzene-d4	339000	13.34				
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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.8
Sample Wt/Vol:	5.47 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023070.D	1	08/13/25 15:19	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000581-42-0	Naphthalene, 2,6-dimethyl-	24.9	J			11.9	ug/Kg
000575-43-9	Naphthalene, 1,6-dimethyl-	100	J			12.6	ug/Kg
000575-37-1	Naphthalene, 1,7-dimethyl-	54.6	J			12.7	ug/Kg
000644-08-6	1,1-Biphenyl, 4-methyl-	14.8	J			14.1	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	22.3	J			16.4	ug/Kg

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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	37.6
Sample Wt/Vol:	4.41 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023071.D	1	08/13/25 15:43	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	12.1	U	3.40	12.1	15.1	ug/Kg
74-87-3	Chloromethane	7.50	U	3.40	7.50	15.1	ug/Kg
75-01-4	Vinyl Chloride	7.50	U	2.40	7.50	15.1	ug/Kg
74-83-9	Bromomethane	12.1	U	3.20	12.1	15.1	ug/Kg
75-00-3	Chloroethane	7.50	U	3.80	7.50	15.1	ug/Kg
75-69-4	Trichlorofluoromethane	12.1	U	3.60	12.1	15.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	7.50	U	3.20	7.50	15.1	ug/Kg
75-35-4	1,1-Dichloroethene	7.50	U	3.00	7.50	15.1	ug/Kg
67-64-1	Acetone	60.3	U	14.3	60.3	75.4	ug/Kg
75-15-0	Carbon Disulfide	3.20	J	3.20	12.1	15.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	7.50	U	2.20	7.50	15.1	ug/Kg
79-20-9	Methyl Acetate	12.1	U	4.60	12.1	15.1	ug/Kg
75-09-2	Methylene Chloride	24.1	U	10.6	24.1	30.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	7.50	U	2.60	7.50	15.1	ug/Kg
75-34-3	1,1-Dichloroethane	7.50	U	2.40	7.50	15.1	ug/Kg
110-82-7	Cyclohexane	7.50	U	2.40	7.50	15.1	ug/Kg
78-93-3	2-Butanone	60.3	U	19.7	60.3	75.4	ug/Kg
56-23-5	Carbon Tetrachloride	7.50	U	2.90	7.50	15.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	7.50	U	2.30	7.50	15.1	ug/Kg
74-97-5	Bromochloromethane	12.1	U	3.50	12.1	15.1	ug/Kg
67-66-3	Chloroform	12.1	U	2.50	12.1	15.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	7.50	U	2.80	7.50	15.1	ug/Kg
108-87-2	Methylcyclohexane	7.50	U	2.70	7.50	15.1	ug/Kg
71-43-2	Benzene	7.50	U	2.40	7.50	15.1	ug/Kg
107-06-2	1,2-Dichloroethane	7.50	U	2.40	7.50	15.1	ug/Kg
79-01-6	Trichloroethene	7.50	U	2.40	7.50	15.1	ug/Kg
78-87-5	1,2-Dichloropropane	7.50	U	2.70	7.50	15.1	ug/Kg
75-27-4	Bromodichloromethane	7.50	U	2.40	7.50	15.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	37.7	U	10.8	37.7	75.4	ug/Kg
108-88-3	Toluene	7.50	U	2.40	7.50	15.1	ug/Kg

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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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	37.6
Sample Wt/Vol:	4.41 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023071.D	1	08/13/25 15:43	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	7.50	U	2.00	7.50	15.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	7.50	U	1.90	7.50	15.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	7.50	U	2.80	7.50	15.1	ug/Kg
591-78-6	2-Hexanone	37.7	U	11.1	37.7	75.4	ug/Kg
124-48-1	Dibromochloromethane	7.50	U	2.60	7.50	15.1	ug/Kg
106-93-4	1,2-Dibromoethane	7.50	U	2.70	7.50	15.1	ug/Kg
127-18-4	Tetrachloroethene	7.50	U	3.20	7.50	15.1	ug/Kg
108-90-7	Chlorobenzene	7.50	U	2.70	7.50	15.1	ug/Kg
100-41-4	Ethyl Benzene	7.50	U	2.00	7.50	15.1	ug/Kg
179601-23-1	m/p-Xylenes	15.1	U	3.70	15.1	30.2	ug/Kg
95-47-6	o-Xylene	7.50	U	2.50	7.50	15.1	ug/Kg
100-42-5	Styrene	7.50	U	2.10	7.50	15.1	ug/Kg
75-25-2	Bromoform	7.50	U	2.60	7.50	15.1	ug/Kg
98-82-8	Isopropylbenzene	7.50	U	2.40	7.50	15.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	7.50	U	3.60	7.50	15.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	7.50	U	5.20	7.50	15.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	7.50	U	4.70	7.50	15.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	7.50	U	4.40	7.50	15.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	12.1	U	5.50	12.1	15.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	12.1	U	9.00	12.1	15.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	12.1	U	9.60	12.1	15.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.0		71 - 136		132%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2		78 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	51.6		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		79 - 119		88%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	542000	7.707				
540-36-3	1,4-Difluorobenzene	1070000	8.61				
3114-55-4	Chlorobenzene-d5	903000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	305000	13.34				
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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	37.6
Sample Wt/Vol:	4.41 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023071.D	1	08/13/25 15:43	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000090-12-0	Naphthalene, 1-methyl-	17.9	J			16.4	ug/Kg

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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	5.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023072.D	1	08/13/25 16:06	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.90	U	1.10	3.90	4.90	ug/Kg
74-87-3	Chloromethane	2.50	U	1.10	2.50	4.90	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.78	2.50	4.90	ug/Kg
74-83-9	Bromomethane	3.90	U	1.10	3.90	4.90	ug/Kg
75-00-3	Chloroethane	2.50	U	1.20	2.50	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	3.90	U	1.20	3.90	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.00	2.50	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	0.98	2.50	4.90	ug/Kg
67-64-1	Acetone	19.6	U	4.70	19.6	24.5	ug/Kg
75-15-0	Carbon Disulfide	3.90	U	1.00	3.90	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.72	2.50	4.90	ug/Kg
79-20-9	Methyl Acetate	3.90	U	1.50	3.90	4.90	ug/Kg
75-09-2	Methylene Chloride	7.90	U	3.50	7.90	9.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.84	2.50	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.79	2.50	4.90	ug/Kg
110-82-7	Cyclohexane	2.50	U	0.78	2.50	4.90	ug/Kg
78-93-3	2-Butanone	19.6	U	6.40	19.6	24.5	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.95	2.50	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.74	2.50	4.90	ug/Kg
74-97-5	Bromochloromethane	3.90	U	1.10	3.90	4.90	ug/Kg
67-66-3	Chloroform	3.90	U	0.82	3.90	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.91	2.50	4.90	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.89	2.50	4.90	ug/Kg
71-43-2	Benzene	2.50	U	0.78	2.50	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.78	2.50	4.90	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.79	2.50	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.89	2.50	4.90	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.77	2.50	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.3	U	3.50	12.3	24.5	ug/Kg
108-88-3	Toluene	2.50	U	0.77	2.50	4.90	ug/Kg

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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	5.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023072.D	1	08/13/25 16:06	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.64	2.50	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.61	2.50	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.90	2.50	4.90	ug/Kg
591-78-6	2-Hexanone	12.3	U	3.60	12.3	24.5	ug/Kg
124-48-1	Dibromochloromethane	2.50	U	0.85	2.50	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	2.50	U	0.86	2.50	4.90	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.00	2.50	4.90	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.89	2.50	4.90	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.66	2.50	4.90	ug/Kg
179601-23-1	m/p-Xylenes	4.90	U	1.20	4.90	9.80	ug/Kg
95-47-6	o-Xylene	2.50	U	0.80	2.50	4.90	ug/Kg
100-42-5	Styrene	2.50	U	0.70	2.50	4.90	ug/Kg
75-25-2	Bromoform	2.50	U	0.84	2.50	4.90	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.77	2.50	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.50	2.50	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.40	2.50	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.90	U	1.80	3.90	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.90	U	2.90	3.90	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.90	U	3.10	3.90	4.90	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.0		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	51.6		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.9	*	79 - 119		78%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	617000	7.707				
540-36-3	1,4-Difluorobenzene	1190000	8.61				
3114-55-4	Chlorobenzene-d5	951000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	298000	13.34				

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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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	5.52 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023072.D	1	08/13/25 16:06	VY081325

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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023089.D	1	08/14/25 12:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.40	U	1.20	4.40	5.50	ug/Kg
74-87-3	Chloromethane	2.70	U	1.20	2.70	5.50	ug/Kg
75-01-4	Vinyl Chloride	2.70	U	0.86	2.70	5.50	ug/Kg
74-83-9	Bromomethane	4.40	U	1.20	4.40	5.50	ug/Kg
75-00-3	Chloroethane	2.70	U	1.40	2.70	5.50	ug/Kg
75-69-4	Trichlorofluoromethane	4.40	U	1.30	4.40	5.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.70	U	1.20	2.70	5.50	ug/Kg
75-35-4	1,1-Dichloroethene	2.70	U	1.10	2.70	5.50	ug/Kg
67-64-1	Acetone	21.8	U	5.20	21.8	27.3	ug/Kg
75-15-0	Carbon Disulfide	4.40	U	1.20	4.40	5.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.70	U	0.80	2.70	5.50	ug/Kg
79-20-9	Methyl Acetate	4.40	U	1.70	4.40	5.50	ug/Kg
75-09-2	Methylene Chloride	8.70	U	3.90	8.70	10.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.70	U	0.94	2.70	5.50	ug/Kg
75-34-3	1,1-Dichloroethane	2.70	U	0.87	2.70	5.50	ug/Kg
110-82-7	Cyclohexane	2.70	U	0.86	2.70	5.50	ug/Kg
78-93-3	2-Butanone	21.8	U	7.10	21.8	27.3	ug/Kg
56-23-5	Carbon Tetrachloride	2.70	U	1.10	2.70	5.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.70	U	0.82	2.70	5.50	ug/Kg
74-97-5	Bromochloromethane	4.40	U	1.30	4.40	5.50	ug/Kg
67-66-3	Chloroform	4.40	U	0.92	4.40	5.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.70	U	1.00	2.70	5.50	ug/Kg
108-87-2	Methylcyclohexane	2.70	U	0.99	2.70	5.50	ug/Kg
71-43-2	Benzene	2.70	U	0.86	2.70	5.50	ug/Kg
107-06-2	1,2-Dichloroethane	2.70	U	0.86	2.70	5.50	ug/Kg
79-01-6	Trichloroethene	2.70	U	0.88	2.70	5.50	ug/Kg
78-87-5	1,2-Dichloropropane	2.70	U	0.99	2.70	5.50	ug/Kg
75-27-4	Bromodichloromethane	2.70	U	0.85	2.70	5.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.7	U	3.90	13.7	27.3	ug/Kg
108-88-3	Toluene	2.70	U	0.85	2.70	5.50	ug/Kg

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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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023089.D	1	08/14/25 12:50	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.70	U	0.71	2.70	5.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.70	U	0.68	2.70	5.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.70	U	1.00	2.70	5.50	ug/Kg
591-78-6	2-Hexanone	13.7	U	4.00	13.7	27.3	ug/Kg
124-48-1	Dibromochloromethane	2.70	U	0.95	2.70	5.50	ug/Kg
106-93-4	1,2-Dibromoethane	2.70	U	0.96	2.70	5.50	ug/Kg
127-18-4	Tetrachloroethene	2.70	U	1.10	2.70	5.50	ug/Kg
108-90-7	Chlorobenzene	2.70	U	0.99	2.70	5.50	ug/Kg
100-41-4	Ethyl Benzene	2.70	U	0.73	2.70	5.50	ug/Kg
179601-23-1	m/p-Xylenes	5.50	U	1.40	5.50	10.9	ug/Kg
95-47-6	o-Xylene	2.70	U	0.90	2.70	5.50	ug/Kg
100-42-5	Styrene	2.70	U	0.78	2.70	5.50	ug/Kg
75-25-2	Bromoform	2.70	U	0.94	2.70	5.50	ug/Kg
98-82-8	Isopropylbenzene	2.70	U	0.85	2.70	5.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.70	U	1.30	2.70	5.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.70	U	1.90	2.70	5.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.70	U	1.70	2.70	5.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.70	U	1.60	2.70	5.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.40	U	2.00	4.40	5.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.40	U	3.20	4.40	5.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.40	U	3.50	4.40	5.50	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.1		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	52.3		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.0	*	79 - 119		70%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	511000	7.707				
540-36-3	1,4-Difluorobenzene	976000	8.609				
3114-55-4	Chlorobenzene-d5	769000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	212000	13.34				

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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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.3
Sample Wt/Vol:	4.96 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023089.D	1	08/14/25 12:50	VY081425

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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	5.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023073.D	1	08/13/25 16:30	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.20	U	1.20	4.20	5.30	ug/Kg
74-87-3	Chloromethane	2.60	U	1.20	2.60	5.30	ug/Kg
75-01-4	Vinyl Chloride	2.60	U	0.83	2.60	5.30	ug/Kg
74-83-9	Bromomethane	4.20	U	1.10	4.20	5.30	ug/Kg
75-00-3	Chloroethane	2.60	U	1.30	2.60	5.30	ug/Kg
75-69-4	Trichlorofluoromethane	4.20	U	1.30	4.20	5.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.60	U	1.10	2.60	5.30	ug/Kg
75-35-4	1,1-Dichloroethene	2.60	U	1.10	2.60	5.30	ug/Kg
67-64-1	Acetone	21.1	U	5.00	21.1	26.4	ug/Kg
75-15-0	Carbon Disulfide	4.20	U	1.10	4.20	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.60	U	0.77	2.60	5.30	ug/Kg
79-20-9	Methyl Acetate	4.20	U	1.60	4.20	5.30	ug/Kg
75-09-2	Methylene Chloride	8.40	U	3.70	8.40	10.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.60	U	0.91	2.60	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	2.60	U	0.84	2.60	5.30	ug/Kg
110-82-7	Cyclohexane	2.60	U	0.83	2.60	5.30	ug/Kg
78-93-3	2-Butanone	21.1	U	6.90	21.1	26.4	ug/Kg
56-23-5	Carbon Tetrachloride	2.60	U	1.00	2.60	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.60	U	0.79	2.60	5.30	ug/Kg
74-97-5	Bromochloromethane	4.20	U	1.20	4.20	5.30	ug/Kg
67-66-3	Chloroform	4.20	U	0.89	4.20	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.60	U	0.98	2.60	5.30	ug/Kg
108-87-2	Methylcyclohexane	2.60	U	0.96	2.60	5.30	ug/Kg
71-43-2	Benzene	2.60	U	0.83	2.60	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	2.60	U	0.83	2.60	5.30	ug/Kg
79-01-6	Trichloroethene	2.60	U	0.85	2.60	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	2.60	U	0.96	2.60	5.30	ug/Kg
75-27-4	Bromodichloromethane	2.60	U	0.82	2.60	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13.2	U	3.80	13.2	26.4	ug/Kg
108-88-3	Toluene	2.60	U	0.82	2.60	5.30	ug/Kg

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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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	5.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023073.D	1	08/13/25 16:30	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.60	U	0.69	2.60	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.60	U	0.65	2.60	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.60	U	0.97	2.60	5.30	ug/Kg
591-78-6	2-Hexanone	13.2	U	3.90	13.2	26.4	ug/Kg
124-48-1	Dibromochloromethane	2.60	U	0.92	2.60	5.30	ug/Kg
106-93-4	1,2-Dibromoethane	2.60	U	0.93	2.60	5.30	ug/Kg
127-18-4	Tetrachloroethene	2.60	U	1.10	2.60	5.30	ug/Kg
108-90-7	Chlorobenzene	2.60	U	0.96	2.60	5.30	ug/Kg
100-41-4	Ethyl Benzene	2.60	U	0.71	2.60	5.30	ug/Kg
179601-23-1	m/p-Xylenes	5.30	U	1.30	5.30	10.6	ug/Kg
95-47-6	o-Xylene	2.60	U	0.87	2.60	5.30	ug/Kg
100-42-5	Styrene	2.60	U	0.75	2.60	5.30	ug/Kg
75-25-2	Bromoform	2.60	U	0.91	2.60	5.30	ug/Kg
98-82-8	Isopropylbenzene	2.60	U	0.82	2.60	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.60	U	1.30	2.60	5.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.60	U	1.80	2.60	5.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.60	U	1.60	2.60	5.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.60	U	1.50	2.60	5.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.20	U	1.90	4.20	5.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.20	U	3.10	4.20	5.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.20	U	3.40	4.20	5.30	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.1		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	49.1		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.8	*	79 - 119		76%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	7.707				
540-36-3	1,4-Difluorobenzene	260000	8.61				
3114-55-4	Chlorobenzene-d5	197000	11.408				
3855-82-1	1,4-Dichlorobenzene-d4	66800	13.34				
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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	5.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023073.D	1	08/13/25 16:30	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
1024470-80-1	3-Cyclohexyl-1-methyl-1-(2-phenyle	5.70	J			2.12	ug/Kg
000090-12-0	Naphthalene, 1-methyl-	7.40	J			16.2	ug/Kg

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:	84SB-WRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-11RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	6.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023090.D	1	08/14/25 13:13	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.30	U	0.95	3.30	4.20	ug/Kg
74-87-3	Chloromethane	2.10	U	0.95	2.10	4.20	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	0.66	2.10	4.20	ug/Kg
74-83-9	Bromomethane	3.30	U	0.89	3.30	4.20	ug/Kg
75-00-3	Chloroethane	2.10	U	1.00	2.10	4.20	ug/Kg
75-69-4	Trichlorofluoromethane	3.30	U	1.00	3.30	4.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	0.88	2.10	4.20	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	0.83	2.10	4.20	ug/Kg
67-64-1	Acetone	16.6	U	3.90	16.6	20.8	ug/Kg
75-15-0	Carbon Disulfide	3.30	U	0.88	3.30	4.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.10	U	0.61	2.10	4.20	ug/Kg
79-20-9	Methyl Acetate	3.30	U	1.30	3.30	4.20	ug/Kg
75-09-2	Methylene Chloride	6.60	U	2.90	6.60	8.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.10	U	0.71	2.10	4.20	ug/Kg
75-34-3	1,1-Dichloroethane	2.10	U	0.66	2.10	4.20	ug/Kg
110-82-7	Cyclohexane	2.10	U	0.66	2.10	4.20	ug/Kg
78-93-3	2-Butanone	16.6	U	5.40	16.6	20.8	ug/Kg
56-23-5	Carbon Tetrachloride	2.10	U	0.81	2.10	4.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	U	0.62	2.10	4.20	ug/Kg
74-97-5	Bromochloromethane	3.30	U	0.96	3.30	4.20	ug/Kg
67-66-3	Chloroform	3.30	U	0.70	3.30	4.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	0.77	2.10	4.20	ug/Kg
108-87-2	Methylcyclohexane	2.10	U	0.76	2.10	4.20	ug/Kg
71-43-2	Benzene	2.10	U	0.66	2.10	4.20	ug/Kg
107-06-2	1,2-Dichloroethane	2.10	U	0.66	2.10	4.20	ug/Kg
79-01-6	Trichloroethene	2.10	U	0.67	2.10	4.20	ug/Kg
78-87-5	1,2-Dichloropropane	2.10	U	0.76	2.10	4.20	ug/Kg
75-27-4	Bromodichloromethane	2.10	U	0.65	2.10	4.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.4	U	3.00	10.4	20.8	ug/Kg
108-88-3	Toluene	2.10	U	0.65	2.10	4.20	ug/Kg

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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:	84SB-WRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-11RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	6.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023090.D	1	08/14/25 13:13	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.10	U	0.54	2.10	4.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.10	U	0.52	2.10	4.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.10	U	0.76	2.10	4.20	ug/Kg
591-78-6	2-Hexanone	10.4	U	3.10	10.4	20.8	ug/Kg
124-48-1	Dibromochloromethane	2.10	U	0.72	2.10	4.20	ug/Kg
106-93-4	1,2-Dibromoethane	2.10	U	0.73	2.10	4.20	ug/Kg
127-18-4	Tetrachloroethene	2.10	U	0.87	2.10	4.20	ug/Kg
108-90-7	Chlorobenzene	2.10	U	0.76	2.10	4.20	ug/Kg
100-41-4	Ethyl Benzene	2.10	U	0.56	2.10	4.20	ug/Kg
179601-23-1	m/p-Xylenes	4.20	U	1.00	4.20	8.30	ug/Kg
95-47-6	o-Xylene	2.10	U	0.68	2.10	4.20	ug/Kg
100-42-5	Styrene	2.10	U	0.59	2.10	4.20	ug/Kg
75-25-2	Bromoform	2.10	U	0.71	2.10	4.20	ug/Kg
98-82-8	Isopropylbenzene	2.10	U	0.65	2.10	4.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1.00	2.10	4.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	1.40	2.10	4.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	1.30	2.10	4.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	1.20	2.10	4.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.30	U	1.50	3.30	4.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	2.50	3.30	4.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	2.60	3.30	4.20	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	38.6		71 - 136		77%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	46.4		85 - 116		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	24.8	*	79 - 119		50%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	64700	7.707				
540-36-3	1,4-Difluorobenzene	91300	8.615				
3114-55-4	Chlorobenzene-d5	57700	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	13400	13.346				

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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:	84SB-WRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-11RE	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	6.93 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023090.D	1	08/14/25 13:13	VY081425

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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.4
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023074.D	1	08/13/25 16:53	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.30	U	0.94	3.30	4.10	ug/Kg
74-87-3	Chloromethane	2.10	U	0.94	2.10	4.10	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	0.65	2.10	4.10	ug/Kg
74-83-9	Bromomethane	3.30	U	0.88	3.30	4.10	ug/Kg
75-00-3	Chloroethane	2.10	U	1.00	2.10	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	3.30	U	1.00	3.30	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	0.87	2.10	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	0.82	2.10	4.10	ug/Kg
67-64-1	Acetone	16.4	U	3.90	16.4	20.6	ug/Kg
75-15-0	Carbon Disulfide	3.30	U	0.87	3.30	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.10	U	0.60	2.10	4.10	ug/Kg
79-20-9	Methyl Acetate	3.30	U	1.30	3.30	4.10	ug/Kg
75-09-2	Methylene Chloride	6.60	U	2.90	6.60	8.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.10	U	0.71	2.10	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	2.10	U	0.66	2.10	4.10	ug/Kg
110-82-7	Cyclohexane	2.10	U	0.65	2.10	4.10	ug/Kg
78-93-3	2-Butanone	16.4	U	5.40	16.4	20.6	ug/Kg
56-23-5	Carbon Tetrachloride	2.10	U	0.80	2.10	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	U	0.62	2.10	4.10	ug/Kg
74-97-5	Bromochloromethane	3.30	U	0.95	3.30	4.10	ug/Kg
67-66-3	Chloroform	3.30	U	0.69	3.30	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	0.76	2.10	4.10	ug/Kg
108-87-2	Methylcyclohexane	2.10	U	0.75	2.10	4.10	ug/Kg
71-43-2	Benzene	2.10	U	0.65	2.10	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	2.10	U	0.65	2.10	4.10	ug/Kg
79-01-6	Trichloroethene	2.10	U	0.67	2.10	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	2.10	U	0.75	2.10	4.10	ug/Kg
75-27-4	Bromodichloromethane	2.10	U	0.64	2.10	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.3	U	2.90	10.3	20.6	ug/Kg
108-88-3	Toluene	2.10	U	0.64	2.10	4.10	ug/Kg

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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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.4
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023074.D	1	08/13/25 16:53	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.10	U	0.53	2.10	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.10	U	0.51	2.10	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.10	U	0.76	2.10	4.10	ug/Kg
591-78-6	2-Hexanone	10.3	U	3.00	10.3	20.6	ug/Kg
124-48-1	Dibromochloromethane	2.10	U	0.72	2.10	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	2.10	U	0.72	2.10	4.10	ug/Kg
127-18-4	Tetrachloroethene	2.10	U	0.86	2.10	4.10	ug/Kg
108-90-7	Chlorobenzene	2.10	U	0.75	2.10	4.10	ug/Kg
100-41-4	Ethyl Benzene	2.10	U	0.55	2.10	4.10	ug/Kg
179601-23-1	m/p-Xylenes	4.10	U	1.00	4.10	8.20	ug/Kg
95-47-6	o-Xylene	2.10	U	0.67	2.10	4.10	ug/Kg
100-42-5	Styrene	2.10	U	0.58	2.10	4.10	ug/Kg
75-25-2	Bromoform	2.10	U	0.71	2.10	4.10	ug/Kg
98-82-8	Isopropylbenzene	2.10	U	0.64	2.10	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1.00	2.10	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	1.40	2.10	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	1.30	2.10	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	1.20	2.10	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.30	U	1.50	3.30	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	2.40	3.30	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	2.60	3.30	4.10	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.1		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	52.3		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	490000	7.707				
540-36-3	1,4-Difluorobenzene	944000	8.609				
3114-55-4	Chlorobenzene-d5	839000	11.408				
3855-82-1	1,4-Dichlorobenzene-d4	345000	13.34				

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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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	93.4
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023074.D	1	08/13/25 16:53	VY081325

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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023075.D	1	08/13/25 17:17	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.70	U	1.00	3.70	4.60	ug/Kg
74-87-3	Chloromethane	2.30	U	1.00	2.30	4.60	ug/Kg
75-01-4	Vinyl Chloride	2.30	U	0.72	2.30	4.60	ug/Kg
74-83-9	Bromomethane	3.70	U	0.98	3.70	4.60	ug/Kg
75-00-3	Chloroethane	2.30	U	1.20	2.30	4.60	ug/Kg
75-69-4	Trichlorofluoromethane	3.70	U	1.10	3.70	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.30	U	0.97	2.30	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	2.30	U	0.92	2.30	4.60	ug/Kg
67-64-1	Acetone	18.4	U	4.30	18.4	22.9	ug/Kg
75-15-0	Carbon Disulfide	3.70	U	0.97	3.70	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.30	U	0.67	2.30	4.60	ug/Kg
79-20-9	Methyl Acetate	3.70	U	1.40	3.70	4.60	ug/Kg
75-09-2	Methylene Chloride	7.30	U	3.20	7.30	9.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.30	U	0.79	2.30	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	2.30	U	0.73	2.30	4.60	ug/Kg
110-82-7	Cyclohexane	2.30	U	0.72	2.30	4.60	ug/Kg
78-93-3	2-Butanone	18.4	U	6.00	18.4	22.9	ug/Kg
56-23-5	Carbon Tetrachloride	2.30	U	0.89	2.30	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.30	U	0.69	2.30	4.60	ug/Kg
74-97-5	Bromochloromethane	3.70	U	1.10	3.70	4.60	ug/Kg
67-66-3	Chloroform	3.70	U	0.77	3.70	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.30	U	0.85	2.30	4.60	ug/Kg
108-87-2	Methylcyclohexane	2.30	U	0.84	2.30	4.60	ug/Kg
71-43-2	Benzene	2.30	U	0.72	2.30	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	2.30	U	0.72	2.30	4.60	ug/Kg
79-01-6	Trichloroethene	2.30	U	0.74	2.30	4.60	ug/Kg
78-87-5	1,2-Dichloropropane	2.30	U	0.84	2.30	4.60	ug/Kg
75-27-4	Bromodichloromethane	2.30	U	0.72	2.30	4.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.5	U	3.30	11.5	22.9	ug/Kg
108-88-3	Toluene	2.30	U	0.72	2.30	4.60	ug/Kg

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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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023075.D	1	08/13/25 17:17	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.30	U	0.60	2.30	4.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.30	U	0.57	2.30	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.30	U	0.84	2.30	4.60	ug/Kg
591-78-6	2-Hexanone	11.5	U	3.40	11.5	22.9	ug/Kg
124-48-1	Dibromochloromethane	2.30	U	0.80	2.30	4.60	ug/Kg
106-93-4	1,2-Dibromoethane	2.30	U	0.81	2.30	4.60	ug/Kg
127-18-4	Tetrachloroethene	2.30	U	0.96	2.30	4.60	ug/Kg
108-90-7	Chlorobenzene	2.30	U	0.84	2.30	4.60	ug/Kg
100-41-4	Ethyl Benzene	2.30	U	0.61	2.30	4.60	ug/Kg
179601-23-1	m/p-Xylenes	4.60	U	1.10	4.60	9.20	ug/Kg
95-47-6	o-Xylene	2.30	U	0.75	2.30	4.60	ug/Kg
100-42-5	Styrene	2.30	U	0.65	2.30	4.60	ug/Kg
75-25-2	Bromoform	2.30	U	0.79	2.30	4.60	ug/Kg
98-82-8	Isopropylbenzene	2.30	U	0.72	2.30	4.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.30	U	1.10	2.30	4.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.30	U	1.60	2.30	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	1.40	2.30	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.30	U	1.30	2.30	4.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.70	U	1.70	3.70	4.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.70	U	2.70	3.70	4.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.70	U	2.90	3.70	4.60	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.5		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	51.9		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	658000	7.707				
540-36-3	1,4-Difluorobenzene	1320000	8.609				
3114-55-4	Chlorobenzene-d5	1170000	11.408				
3855-82-1	1,4-Dichlorobenzene-d4	488000	13.34				

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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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.7
Sample Wt/Vol:	6.51 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023075.D	1	08/13/25 17:17	VY081325

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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.6
Sample Wt/Vol:	6.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023076.D	1	08/13/25 17:40	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.50	U	0.99	3.50	4.30	ug/Kg
74-87-3	Chloromethane	2.20	U	0.99	2.20	4.30	ug/Kg
75-01-4	Vinyl Chloride	2.20	U	0.69	2.20	4.30	ug/Kg
74-83-9	Bromomethane	3.50	U	0.93	3.50	4.30	ug/Kg
75-00-3	Chloroethane	2.20	U	1.10	2.20	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	3.50	U	1.10	3.50	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.20	U	0.92	2.20	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	2.20	U	0.87	2.20	4.30	ug/Kg
67-64-1	Acetone	17.4	U	4.10	17.4	21.7	ug/Kg
75-15-0	Carbon Disulfide	3.50	U	0.92	3.50	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.20	U	0.63	2.20	4.30	ug/Kg
79-20-9	Methyl Acetate	3.50	U	1.30	3.50	4.30	ug/Kg
75-09-2	Methylene Chloride	7.00	U	3.10	7.00	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	0.75	2.20	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	2.20	U	0.70	2.20	4.30	ug/Kg
110-82-7	Cyclohexane	2.20	U	0.69	2.20	4.30	ug/Kg
78-93-3	2-Butanone	17.4	U	5.70	17.4	21.7	ug/Kg
56-23-5	Carbon Tetrachloride	2.20	U	0.84	2.20	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.20	U	0.65	2.20	4.30	ug/Kg
74-97-5	Bromochloromethane	3.50	U	1.00	3.50	4.30	ug/Kg
67-66-3	Chloroform	3.50	U	0.73	3.50	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.20	U	0.81	2.20	4.30	ug/Kg
108-87-2	Methylcyclohexane	2.20	U	0.79	2.20	4.30	ug/Kg
71-43-2	Benzene	2.20	U	0.69	2.20	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	2.20	U	0.69	2.20	4.30	ug/Kg
79-01-6	Trichloroethene	2.20	U	0.70	2.20	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	2.20	U	0.79	2.20	4.30	ug/Kg
75-27-4	Bromodichloromethane	2.20	U	0.68	2.20	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.9	U	3.10	10.9	21.7	ug/Kg
108-88-3	Toluene	2.20	U	0.68	2.20	4.30	ug/Kg

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.6
Sample Wt/Vol:	6.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023076.D	1	08/13/25 17:40	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.20	U	0.56	2.20	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.20	U	0.54	2.20	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.20	U	0.80	2.20	4.30	ug/Kg
591-78-6	2-Hexanone	10.9	U	3.20	10.9	21.7	ug/Kg
124-48-1	Dibromochloromethane	2.20	U	0.76	2.20	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	2.20	U	0.76	2.20	4.30	ug/Kg
127-18-4	Tetrachloroethene	2.20	U	0.91	2.20	4.30	ug/Kg
108-90-7	Chlorobenzene	2.20	U	0.79	2.20	4.30	ug/Kg
100-41-4	Ethyl Benzene	2.20	U	0.58	2.20	4.30	ug/Kg
179601-23-1	m/p-Xylenes	4.30	U	1.10	4.30	8.70	ug/Kg
95-47-6	o-Xylene	2.20	U	0.71	2.20	4.30	ug/Kg
100-42-5	Styrene	2.20	U	0.62	2.20	4.30	ug/Kg
75-25-2	Bromoform	2.20	U	0.75	2.20	4.30	ug/Kg
98-82-8	Isopropylbenzene	2.20	U	0.68	2.20	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	1.10	2.20	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	1.50	2.20	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	1.40	2.20	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	1.30	2.20	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.50	U	1.60	3.50	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.50	U	2.60	3.50	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	2.80	3.50	4.30	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.9		71 - 136		102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	51.7		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.3		79 - 119		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	676000	7.701				
540-36-3	1,4-Difluorobenzene	1290000	8.609				
3114-55-4	Chlorobenzene-d5	1060000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	379000	13.34				

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85.6
Sample Wt/Vol:	6.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023076.D	1	08/13/25 17:40	VY081325

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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.3
Sample Wt/Vol:	6.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023091.D	1	08/14/25 13:37	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.00	U	1.10	4.00	5.00	ug/Kg
74-87-3	Chloromethane	2.50	U	1.10	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.78	2.50	5.00	ug/Kg
74-83-9	Bromomethane	4.00	U	1.10	4.00	5.00	ug/Kg
75-00-3	Chloroethane	2.50	U	1.20	2.50	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	4.00	U	1.20	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.00	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	0.99	2.50	5.00	ug/Kg
67-64-1	Acetone	19.8	U	4.70	19.8	24.8	ug/Kg
75-15-0	Carbon Disulfide	4.00	U	1.00	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.72	2.50	5.00	ug/Kg
79-20-9	Methyl Acetate	4.00	U	1.50	4.00	5.00	ug/Kg
75-09-2	Methylene Chloride	7.90	U	3.50	7.90	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.85	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.79	2.50	5.00	ug/Kg
110-82-7	Cyclohexane	2.50	U	0.78	2.50	5.00	ug/Kg
78-93-3	2-Butanone	19.8	U	6.50	19.8	24.8	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.96	2.50	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.74	2.50	5.00	ug/Kg
74-97-5	Bromochloromethane	4.00	U	1.10	4.00	5.00	ug/Kg
67-66-3	Chloroform	4.00	U	0.83	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.92	2.50	5.00	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.90	2.50	5.00	ug/Kg
71-43-2	Benzene	2.50	U	0.78	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.78	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.80	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.90	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.77	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.4	U	3.50	12.4	24.8	ug/Kg
108-88-3	Toluene	2.50	U	0.77	2.50	5.00	ug/Kg

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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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.3
Sample Wt/Vol:	6.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023091.D	1	08/14/25 13:37	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.64	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.61	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.91	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	12.4	U	3.70	12.4	24.8	ug/Kg
124-48-1	Dibromochloromethane	2.50	U	0.86	2.50	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	2.50	U	0.87	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.00	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.90	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.66	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	5.00	U	1.20	5.00	9.90	ug/Kg
95-47-6	o-Xylene	2.50	U	0.81	2.50	5.00	ug/Kg
100-42-5	Styrene	2.50	U	0.70	2.50	5.00	ug/Kg
75-25-2	Bromoform	2.50	U	0.85	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.77	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.50	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.40	2.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.00	U	1.80	4.00	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.00	U	2.90	4.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.00	U	3.10	4.00	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.3		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	51.8		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.0		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	552000	7.707				
540-36-3	1,4-Difluorobenzene	1100000	8.609				
3114-55-4	Chlorobenzene-d5	968000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	382000	13.34				

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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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.3
Sample Wt/Vol:	6.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023091.D	1	08/14/25 13:37	VY081425

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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023092.D	1	08/14/25 14:00	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.30	U	0.93	3.30	4.10	ug/Kg
74-87-3	Chloromethane	2.00	U	0.93	2.00	4.10	ug/Kg
75-01-4	Vinyl Chloride	2.00	U	0.65	2.00	4.10	ug/Kg
74-83-9	Bromomethane	3.30	U	0.87	3.30	4.10	ug/Kg
75-00-3	Chloroethane	2.00	U	1.00	2.00	4.10	ug/Kg
75-69-4	Trichlorofluoromethane	3.30	U	0.99	3.30	4.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	0.87	2.00	4.10	ug/Kg
75-35-4	1,1-Dichloroethene	2.00	U	0.82	2.00	4.10	ug/Kg
67-64-1	Acetone	16.3	U	3.90	16.3	20.4	ug/Kg
75-15-0	Carbon Disulfide	3.30	U	0.87	3.30	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.00	U	0.60	2.00	4.10	ug/Kg
79-20-9	Methyl Acetate	3.30	U	1.30	3.30	4.10	ug/Kg
75-09-2	Methylene Chloride	6.50	U	2.90	6.50	8.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.00	U	0.70	2.00	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	2.00	U	0.65	2.00	4.10	ug/Kg
110-82-7	Cyclohexane	2.00	U	0.65	2.00	4.10	ug/Kg
78-93-3	2-Butanone	16.3	U	5.30	16.3	20.4	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	0.79	2.00	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.00	U	0.61	2.00	4.10	ug/Kg
74-97-5	Bromochloromethane	3.30	U	0.94	3.30	4.10	ug/Kg
67-66-3	Chloroform	3.30	U	0.69	3.30	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.00	U	0.76	2.00	4.10	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	0.74	2.00	4.10	ug/Kg
71-43-2	Benzene	2.00	U	0.65	2.00	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	2.00	U	0.65	2.00	4.10	ug/Kg
79-01-6	Trichloroethene	2.00	U	0.66	2.00	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	2.00	U	0.74	2.00	4.10	ug/Kg
75-27-4	Bromodichloromethane	2.00	U	0.64	2.00	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.2	U	2.90	10.2	20.4	ug/Kg
108-88-3	Toluene	2.00	U	0.64	2.00	4.10	ug/Kg

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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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023092.D	1	08/14/25 14:00	VY081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.00	U	0.53	2.00	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.00	U	0.51	2.00	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.00	U	0.75	2.00	4.10	ug/Kg
591-78-6	2-Hexanone	10.2	U	3.00	10.2	20.4	ug/Kg
124-48-1	Dibromochloromethane	2.00	U	0.71	2.00	4.10	ug/Kg
106-93-4	1,2-Dibromoethane	2.00	U	0.72	2.00	4.10	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	0.86	2.00	4.10	ug/Kg
108-90-7	Chlorobenzene	2.00	U	0.74	2.00	4.10	ug/Kg
100-41-4	Ethyl Benzene	2.00	U	0.55	2.00	4.10	ug/Kg
179601-23-1	m/p-Xylenes	4.10	U	1.00	4.10	8.20	ug/Kg
95-47-6	o-Xylene	2.00	U	0.67	2.00	4.10	ug/Kg
100-42-5	Styrene	2.00	U	0.58	2.00	4.10	ug/Kg
75-25-2	Bromoform	2.00	U	0.70	2.00	4.10	ug/Kg
98-82-8	Isopropylbenzene	2.00	U	0.64	2.00	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.00	U	0.99	2.00	4.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	1.40	2.00	4.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	1.30	2.00	4.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.00	U	1.20	2.00	4.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.30	U	1.50	3.30	4.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.30	U	2.40	3.30	4.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.30	U	2.60	3.30	4.10	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.3		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		78 - 119		108%	SPK: 50
2037-26-5	Toluene-d8	51.4		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.0		79 - 119		80%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	501000	7.707				
540-36-3	1,4-Difluorobenzene	980000	8.61				
3114-55-4	Chlorobenzene-d5	814000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	246000	13.34				

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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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023092.D	1	08/14/25 14:00	VY081425

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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.5
Sample Wt/Vol:	9.4 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023079.D	1	08/13/25 18:51	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.40	U	0.69	2.40	3.00	ug/Kg
74-87-3	Chloromethane	1.50	U	0.69	1.50	3.00	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	0.48	1.50	3.00	ug/Kg
74-83-9	Bromomethane	2.40	U	0.65	2.40	3.00	ug/Kg
75-00-3	Chloroethane	1.50	U	0.77	1.50	3.00	ug/Kg
75-69-4	Trichlorofluoromethane	2.40	U	0.74	2.40	3.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	0.64	1.50	3.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	0.61	1.50	3.00	ug/Kg
67-64-1	Acetone	12.2	U	2.90	12.2	15.2	ug/Kg
75-15-0	Carbon Disulfide	2.40	U	0.64	2.40	3.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	0.44	1.50	3.00	ug/Kg
79-20-9	Methyl Acetate	2.40	U	0.94	2.40	3.00	ug/Kg
75-09-2	Methylene Chloride	4.90	U	2.10	4.90	6.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	0.52	1.50	3.00	ug/Kg
75-34-3	1,1-Dichloroethane	1.50	U	0.49	1.50	3.00	ug/Kg
110-82-7	Cyclohexane	1.50	U	0.48	1.50	3.00	ug/Kg
78-93-3	2-Butanone	12.2	U	4.00	12.2	15.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	0.59	1.50	3.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.50	U	0.46	1.50	3.00	ug/Kg
74-97-5	Bromochloromethane	2.40	U	0.70	2.40	3.00	ug/Kg
67-66-3	Chloroform	2.40	U	0.51	2.40	3.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	0.57	1.50	3.00	ug/Kg
108-87-2	Methylcyclohexane	1.50	U	0.55	1.50	3.00	ug/Kg
71-43-2	Benzene	1.50	U	0.48	1.50	3.00	ug/Kg
107-06-2	1,2-Dichloroethane	1.50	U	0.48	1.50	3.00	ug/Kg
79-01-6	Trichloroethene	1.50	U	0.49	1.50	3.00	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	0.55	1.50	3.00	ug/Kg
75-27-4	Bromodichloromethane	1.50	U	0.47	1.50	3.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	7.60	U	2.20	7.60	15.2	ug/Kg
108-88-3	Toluene	1.50	U	0.47	1.50	3.00	ug/Kg

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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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.5
Sample Wt/Vol:	9.4 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023079.D	1	08/13/25 18:51	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.50	U	0.40	1.50	3.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.50	U	0.38	1.50	3.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	0.56	1.50	3.00	ug/Kg
591-78-6	2-Hexanone	7.60	U	2.20	7.60	15.2	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	0.53	1.50	3.00	ug/Kg
106-93-4	1,2-Dibromoethane	1.50	U	0.53	1.50	3.00	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	0.64	1.50	3.00	ug/Kg
108-90-7	Chlorobenzene	1.50	U	0.55	1.50	3.00	ug/Kg
100-41-4	Ethyl Benzene	1.50	U	0.41	1.50	3.00	ug/Kg
179601-23-1	m/p-Xylenes	3.00	U	0.75	3.00	6.10	ug/Kg
95-47-6	o-Xylene	1.50	U	0.50	1.50	3.00	ug/Kg
100-42-5	Styrene	1.50	U	0.43	1.50	3.00	ug/Kg
75-25-2	Bromoform	1.50	U	0.52	1.50	3.00	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	0.47	1.50	3.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	0.74	1.50	3.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.00	1.50	3.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	0.95	1.50	3.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	0.88	1.50	3.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.40	U	1.10	2.40	3.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.40	U	1.80	2.40	3.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.40	U	1.90	2.40	3.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	65.0		71 - 136		130%	SPK: 50
1868-53-7	Dibromofluoromethane	53.4		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	52.8		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	669000	7.707				
540-36-3	1,4-Difluorobenzene	1350000	8.61				
3114-55-4	Chlorobenzene-d5	1230000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	509000	13.34				

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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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.5
Sample Wt/Vol:	9.4 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023079.D	1	08/13/25 18:51	VY081325

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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	9.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023080.D	1	08/13/25 19:14	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.50	U	0.70	2.50	3.10	ug/Kg
74-87-3	Chloromethane	1.50	U	0.70	1.50	3.10	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	0.49	1.50	3.10	ug/Kg
74-83-9	Bromomethane	2.50	U	0.66	2.50	3.10	ug/Kg
75-00-3	Chloroethane	1.50	U	0.78	1.50	3.10	ug/Kg
75-69-4	Trichlorofluoromethane	2.50	U	0.75	2.50	3.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	0.65	1.50	3.10	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	0.62	1.50	3.10	ug/Kg
67-64-1	Acetone	12.3	U	2.90	12.3	15.4	ug/Kg
75-15-0	Carbon Disulfide	2.50	U	0.65	2.50	3.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	0.45	1.50	3.10	ug/Kg
79-20-9	Methyl Acetate	2.50	U	0.95	2.50	3.10	ug/Kg
75-09-2	Methylene Chloride	4.90	U	2.20	4.90	6.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	0.53	1.50	3.10	ug/Kg
75-34-3	1,1-Dichloroethane	1.50	U	0.49	1.50	3.10	ug/Kg
110-82-7	Cyclohexane	1.50	U	0.49	1.50	3.10	ug/Kg
78-93-3	2-Butanone	12.3	U	4.00	12.3	15.4	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	0.60	1.50	3.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.50	U	0.46	1.50	3.10	ug/Kg
74-97-5	Bromochloromethane	2.50	U	0.71	2.50	3.10	ug/Kg
67-66-3	Chloroform	2.50	U	0.52	2.50	3.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	0.57	1.50	3.10	ug/Kg
108-87-2	Methylcyclohexane	1.50	U	0.56	1.50	3.10	ug/Kg
71-43-2	Benzene	1.50	U	0.49	1.50	3.10	ug/Kg
107-06-2	1,2-Dichloroethane	1.50	U	0.49	1.50	3.10	ug/Kg
79-01-6	Trichloroethene	1.50	U	0.50	1.50	3.10	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	0.56	1.50	3.10	ug/Kg
75-27-4	Bromodichloromethane	1.50	U	0.48	1.50	3.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	7.70	U	2.20	7.70	15.4	ug/Kg
108-88-3	Toluene	1.50	U	0.48	1.50	3.10	ug/Kg

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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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	9.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023080.D	1	08/13/25 19:14	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.50	U	0.40	1.50	3.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.50	U	0.38	1.50	3.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	0.57	1.50	3.10	ug/Kg
591-78-6	2-Hexanone	7.70	U	2.30	7.70	15.4	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	0.54	1.50	3.10	ug/Kg
106-93-4	1,2-Dibromoethane	1.50	U	0.54	1.50	3.10	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	0.65	1.50	3.10	ug/Kg
108-90-7	Chlorobenzene	1.50	U	0.56	1.50	3.10	ug/Kg
100-41-4	Ethyl Benzene	1.50	U	0.41	1.50	3.10	ug/Kg
179601-23-1	m/p-Xylenes	3.10	U	0.77	3.10	6.20	ug/Kg
95-47-6	o-Xylene	1.50	U	0.51	1.50	3.10	ug/Kg
100-42-5	Styrene	1.50	U	0.44	1.50	3.10	ug/Kg
75-25-2	Bromoform	1.50	U	0.53	1.50	3.10	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	0.48	1.50	3.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	0.75	1.50	3.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.10	1.50	3.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	0.96	1.50	3.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	0.89	1.50	3.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.50	U	1.10	2.50	3.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.50	U	1.80	2.50	3.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.50	U	2.00	2.50	3.10	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.8		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	52.8		85 - 116		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.9		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	629000	7.707				
540-36-3	1,4-Difluorobenzene	1260000	8.609				
3114-55-4	Chlorobenzene-d5	1130000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	454000	13.34				

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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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	9.39 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023080.D	1	08/13/25 19:14	VY081325

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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	6.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023081.D	1	08/13/25 19:38	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.40	U	0.96	3.40	4.20	ug/Kg
74-87-3	Chloromethane	2.10	U	0.96	2.10	4.20	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	0.67	2.10	4.20	ug/Kg
74-83-9	Bromomethane	3.40	U	0.91	3.40	4.20	ug/Kg
75-00-3	Chloroethane	2.10	U	1.10	2.10	4.20	ug/Kg
75-69-4	Trichlorofluoromethane	3.40	U	1.00	3.40	4.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	0.90	2.10	4.20	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	0.85	2.10	4.20	ug/Kg
67-64-1	Acetone	16.9	U	4.00	16.9	21.2	ug/Kg
75-15-0	Carbon Disulfide	3.40	U	0.90	3.40	4.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.10	U	0.62	2.10	4.20	ug/Kg
79-20-9	Methyl Acetate	3.40	U	1.30	3.40	4.20	ug/Kg
75-09-2	Methylene Chloride	6.80	U	3.00	6.80	8.50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.10	U	0.73	2.10	4.20	ug/Kg
75-34-3	1,1-Dichloroethane	2.10	U	0.68	2.10	4.20	ug/Kg
110-82-7	Cyclohexane	2.10	U	0.67	2.10	4.20	ug/Kg
78-93-3	2-Butanone	16.9	U	5.50	16.9	21.2	ug/Kg
56-23-5	Carbon Tetrachloride	2.10	U	0.82	2.10	4.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	U	0.63	2.10	4.20	ug/Kg
74-97-5	Bromochloromethane	3.40	U	0.97	3.40	4.20	ug/Kg
67-66-3	Chloroform	3.40	U	0.71	3.40	4.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	0.79	2.10	4.20	ug/Kg
108-87-2	Methylcyclohexane	2.10	U	0.77	2.10	4.20	ug/Kg
71-43-2	Benzene	2.10	U	0.67	2.10	4.20	ug/Kg
107-06-2	1,2-Dichloroethane	2.10	U	0.67	2.10	4.20	ug/Kg
79-01-6	Trichloroethene	2.10	U	0.69	2.10	4.20	ug/Kg
78-87-5	1,2-Dichloropropane	2.10	U	0.77	2.10	4.20	ug/Kg
75-27-4	Bromodichloromethane	2.10	U	0.66	2.10	4.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.6	U	3.00	10.6	21.2	ug/Kg
108-88-3	Toluene	2.10	U	0.66	2.10	4.20	ug/Kg

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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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	6.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023081.D	1	08/13/25 19:38	VY081325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.10	U	0.55	2.10	4.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.10	U	0.52	2.10	4.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.10	U	0.78	2.10	4.20	ug/Kg
591-78-6	2-Hexanone	10.6	U	3.10	10.6	21.2	ug/Kg
124-48-1	Dibromochloromethane	2.10	U	0.74	2.10	4.20	ug/Kg
106-93-4	1,2-Dibromoethane	2.10	U	0.74	2.10	4.20	ug/Kg
127-18-4	Tetrachloroethene	2.10	U	0.89	2.10	4.20	ug/Kg
108-90-7	Chlorobenzene	2.10	U	0.77	2.10	4.20	ug/Kg
100-41-4	Ethyl Benzene	2.10	U	0.57	2.10	4.20	ug/Kg
179601-23-1	m/p-Xylenes	4.20	U	1.00	4.20	8.50	ug/Kg
95-47-6	o-Xylene	2.10	U	0.69	2.10	4.20	ug/Kg
100-42-5	Styrene	2.10	U	0.60	2.10	4.20	ug/Kg
75-25-2	Bromoform	2.10	U	0.73	2.10	4.20	ug/Kg
98-82-8	Isopropylbenzene	2.10	U	0.66	2.10	4.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1.00	2.10	4.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	1.40	2.10	4.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	1.30	2.10	4.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	1.20	2.10	4.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.40	U	1.60	3.40	4.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.40	U	2.50	3.40	4.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	2.70	3.40	4.20	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.0		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	53.3		78 - 119		107%	SPK: 50
2037-26-5	Toluene-d8	52.4		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		79 - 119		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	641000	7.707				
540-36-3	1,4-Difluorobenzene	1280000	8.61				
3114-55-4	Chlorobenzene-d5	1110000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	424000	13.34				

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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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.8
Sample Wt/Vol:	6.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023081.D	1	08/13/25 19:38	VY081325

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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.2
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023144.D	1	08/19/25 12:31	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.50	U	1.00	3.50	4.40	ug/Kg
74-87-3	Chloromethane	2.20	U	1.00	2.20	4.40	ug/Kg
75-01-4	Vinyl Chloride	2.20	U	0.70	2.20	4.40	ug/Kg
74-83-9	Bromomethane	3.50	U	0.94	3.50	4.40	ug/Kg
75-00-3	Chloroethane	2.20	U	1.10	2.20	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	3.50	U	1.10	3.50	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.20	U	0.93	2.20	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	2.20	U	0.88	2.20	4.40	ug/Kg
67-64-1	Acetone	17.6	U	4.20	17.6	22.0	ug/Kg
75-15-0	Carbon Disulfide	3.50	U	0.93	3.50	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.20	U	0.64	2.20	4.40	ug/Kg
79-20-9	Methyl Acetate	3.50	U	1.40	3.50	4.40	ug/Kg
75-09-2	Methylene Chloride	7.00	U	3.10	7.00	8.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.20	U	0.76	2.20	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	2.20	U	0.70	2.20	4.40	ug/Kg
110-82-7	Cyclohexane	2.20	U	0.70	2.20	4.40	ug/Kg
78-93-3	2-Butanone	17.6	U	5.80	17.6	22.0	ug/Kg
56-23-5	Carbon Tetrachloride	2.20	U	0.85	2.20	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.20	U	0.66	2.20	4.40	ug/Kg
74-97-5	Bromochloromethane	3.50	U	1.00	3.50	4.40	ug/Kg
67-66-3	Chloroform	3.50	U	0.74	3.50	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.20	U	0.82	2.20	4.40	ug/Kg
108-87-2	Methylcyclohexane	2.20	U	0.80	2.20	4.40	ug/Kg
71-43-2	Benzene	2.20	U	0.70	2.20	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	2.20	U	0.70	2.20	4.40	ug/Kg
79-01-6	Trichloroethene	2.20	U	0.71	2.20	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	2.20	U	0.80	2.20	4.40	ug/Kg
75-27-4	Bromodichloromethane	2.20	U	0.69	2.20	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.0	U	3.20	11.0	22.0	ug/Kg
108-88-3	Toluene	2.20	U	0.69	2.20	4.40	ug/Kg

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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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.2
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023144.D	1	08/19/25 12:31	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.20	U	0.57	2.20	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.20	U	0.55	2.20	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.20	U	0.81	2.20	4.40	ug/Kg
591-78-6	2-Hexanone	11.0	U	3.20	11.0	22.0	ug/Kg
124-48-1	Dibromochloromethane	2.20	U	0.77	2.20	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	2.20	U	0.77	2.20	4.40	ug/Kg
127-18-4	Tetrachloroethene	2.20	U	0.92	2.20	4.40	ug/Kg
108-90-7	Chlorobenzene	2.20	U	0.80	2.20	4.40	ug/Kg
100-41-4	Ethyl Benzene	2.20	U	0.59	2.20	4.40	ug/Kg
179601-23-1	m/p-Xylenes	4.40	U	1.10	4.40	8.80	ug/Kg
95-47-6	o-Xylene	2.20	U	0.72	2.20	4.40	ug/Kg
100-42-5	Styrene	2.20	U	0.62	2.20	4.40	ug/Kg
75-25-2	Bromoform	2.20	U	0.76	2.20	4.40	ug/Kg
98-82-8	Isopropylbenzene	2.20	U	0.69	2.20	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.20	U	1.10	2.20	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	1.50	2.20	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	1.40	2.20	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	1.30	2.20	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.50	U	1.60	3.50	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.50	U	2.60	3.50	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.50	U	2.80	3.50	4.40	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.7		71 - 136		109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	50.5		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.3		79 - 119		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	628000	7.707				
540-36-3	1,4-Difluorobenzene	1150000	8.616				
3114-55-4	Chlorobenzene-d5	978000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	336000	13.347				

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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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.2
Sample Wt/Vol:	7.36 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023144.D	1	08/19/25 12:31	VY081925

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:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-01	**22BP-N**	**SOIL**			**08/04/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-02	**22BP-E**	**SOIL**			**08/04/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-03	**22BP-W**	**SOIL**			**08/04/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-04	**22BP-S**	**SOIL**			**08/04/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-05	**11M-W**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/11/25	
Q2819-07	**11M-N**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/13/25	
Q2819-08	**11M-E**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/13/25	
Q2819-09	**84SB-E**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/13/25	
Q2819-10	**84SB-S**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/13/25	
Q2819-10RE	**84SB-SRE**	**SOIL**			**08/05/25**			**08/08/25**
			VOC-TCLVOA-10	8260D			08/14/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**

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			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-11RE	**84SB-WRE**	**SOIL**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/14/25	
Q2819-12	**17M-S**	**SOIL**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-13	**17M-E**	**SOIL**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-15	**17M-N**	**SOIL**			**08/05/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/14/25	
Q2819-16	**38M-S**	**SOIL**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/14/25	
Q2819-17	**38M-N**	**SOIL**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-18	**38M-W**	**SOIL**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-19	**38M-E**	**SOIL**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/13/25	
Q2819-20	**82H-E**	**SOIL**			**08/06/25**		**08/08/25**
			VOC-TCLVOA-10	8260D		08/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID : 22BP-N										
Q2819-01	22BP-N	SOIL	Fluoranthene		130.000	J	36.1	160	200	ug/Kg
Q2819-01	22BP-N	SOIL	Pyrene		83.900	J	43.4	160	200	ug/Kg
			Total Svoc :		**213.90**					
Q2819-01	22BP-N	SOIL	n-Nonadecanol-1	*	85.900	J	0		0	ug/Kg
Q2819-01	22BP-N	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	430.000	AB	0		0	ug/Kg
Q2819-01	22BP-N	SOIL	Benzo[e]pyrene	*	97.100	J	0		0	ug/Kg
Q2819-01	22BP-N	SOIL	Benzophenone	*	360.000	J	0		0	ug/Kg
Q2819-01	22BP-N	SOIL	Butane, 2-methoxy-2-methyl-	*	2,000.000	J	0		0	ug/Kg
			Total Tics :		**2,973.00**					
			Total Concentration:		**3,186.90**					
Client ID : 22BP-E										
Q2819-02	22BP-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	AB	0		0	ug/Kg
Q2819-02	22BP-E	SOIL	Benzophenone	*	390.000	J	0		0	ug/Kg
Q2819-02	22BP-E	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	J	0		0	ug/Kg
Q2819-02	22BP-E	SOIL	n-Hexadecanoic acid	*	230.000	J	0		0	ug/Kg
Q2819-02	22BP-E	SOIL	Trifluoroacetic acid, pentadecyl e	*	230.000	J	0		0	ug/Kg
			Total Tics :		**2,460.00**					
			Total Concentration:		**2,460.00**					
Client ID : 22BP-W										
Q2819-03	22BP-W	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	250.000	AB	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Benzophenone	*	370.000	J	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Heptacos-1-ene	*	230.000	J	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Hexadecanoic acid, butyl ester	*	220.000	JB	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	n-Hexadecanoic acid	*	210.000	J	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Octadecanoic acid	*	84.600	J	0		0	ug/Kg
Q2819-03	22BP-W	SOIL	Octadecanoic acid, butyl ester	*	200.000	JB	0		0	ug/Kg
			Total Tics :		**2,664.60**					
			Total Concentration:		**2,664.60**					
Client ID : 22BP-S										
Q2819-04	22BP-S	SOIL	1-Tricosene	*	190.000	J	0		0	ug/Kg
Q2819-04	22BP-S	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	AB	0		0	ug/Kg
Q2819-04	22BP-S	SOIL	Benzophenone	*	280.000	J	0		0	ug/Kg
Q2819-04	22BP-S	SOIL	Butane, 2-methoxy-2-methyl-	*	640.000	J	0		0	ug/Kg
Q2819-04	22BP-S	SOIL	n-Hexadecanoic acid	*	260.000	J	0		0	ug/Kg
Q2819-04	22BP-S	SOIL	Octadecanoic acid	*	86.600	J	0		0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2819-04	22BP-S	SOIL	Triacontyl acetate	*	88.900	J	0		0	ug/Kg
			Total Tics :		**1,695.50**					
			Total Concentration:		**1,695.50**					
Client ID :	**11M-W**									
Q2819-05	11M-W	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	290.000	AB	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Benzophenone	*	400.000	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Butane, 2-methoxy-2-methyl-	*	1,200.000	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Hexadecanoic acid, 2-methylprop	*	130.000	JB	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Hexadecanoic acid, butyl ester	*	210.000	JB	0		0	ug/Kg
Q2819-05	11M-W	SOIL	n-Hexadecanoic acid	*	280.000	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Nonadecyl pentafluoropropionate	*	190.000	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Octadecanoic acid	*	100.000	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Octadecanoic acid, 2-methylpropy	*	77.100	J	0		0	ug/Kg
Q2819-05	11M-W	SOIL	Octadecanoic acid, butyl ester	*	170.000	JB	0		0	ug/Kg
			Total Tics :		**3,047.10**					
			Total Concentration:		**3,047.10**					
Client ID :	**11M-S**									
Q2819-06	11M-S	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB	0		0	ug/Kg
Q2819-06	11M-S	SOIL	Benzophenone	*	200.000	J	0		0	ug/Kg
Q2819-06	11M-S	SOIL	Butane, 2-methoxy-2-methyl-	*	1,200.000	J	0		0	ug/Kg
Q2819-06	11M-S	SOIL	Hexadecanoic acid, butyl ester	*	81.900	JB	0		0	ug/Kg
			Total Tics :		**1,711.90**					
			Total Concentration:		**1,711.90**					
Client ID :	**11M-N**									
Q2819-07	11M-N	SOIL	Naphthalene		780.000		29.9	170	220	ug/Kg
Q2819-07	11M-N	SOIL	2-Methylnaphthalene		280.000		33.7	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Acenaphthene		480.000		28	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Dibenzofuran		460.000		29.9	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Fluorene		610.000		33.3	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Phenanthrene		1,600.000		27.5	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Anthracene		210.000	J	43.8	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Carbazole		510.000		41.1	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Fluoranthene		730.000		39.5	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Pyrene		420.000		47.4	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Benzo(a)anthracene		160.000	J	30.3	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Chrysene		140.000	J	26.2	170	220	ug/Kg
Q2819-07	11M-N	SOIL	Benzo(b)fluoranthene		110.000	J	25	170	220	ug/Kg
			Total Svoc :		**6,490.00**					
Q2819-07	11M-N	SOIL	1(2H)-Acenaphthylenone	*	130.000	J	0		0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2819-07	11M-N	SOIL	1,1-Biphenyl, 4-methyl-	*	94.300	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	280.000	AB	0		0	ug/Kg
Q2819-07	11M-N	SOIL	4H-Cyclopenta[def]phenanthrene	*	280.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	9H-Fluorene, 1-methyl-	*	110.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Benzophenone	*	300.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Butane, 2-methoxy-2-methyl-	*	1,600.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Anthracene, 2-methyl-	*	180.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Dibenzothiophene	*	140.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Fluoranthene, 2-methyl-	*	120.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Phenanthrene, 2-methyl-	*	110.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Naphthalene, 1,3-dimethyl-	*	160.000	J	0		0	ug/Kg
Q2819-07	11M-N	SOIL	Octadecanoic acid, butyl ester	*	100.000	JB	0		0	ug/Kg
Q2819-07	11M-N	SOIL	1-Methylnaphthalene	*	190.000	J	34		220	ug/Kg
			Total Tics :		**3,794.30**					
			Total Concentration:		**10,284.30**					
Client ID :	**11M-E**									
Q2819-08	11M-E	SOIL	Phenanthrene		210.000	J	29.1	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Fluoranthene		380.000		41.7	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Pyrene		260.000		50.1	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Benzo(a)anthracene		180.000	J	32	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Chrysene		200.000	J	27.7	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Benzo(b)fluoranthene		240.000		26.4	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Benzo(k)fluoranthene		93.900	J	31.1	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Benzo(a)pyrene		170.000	J	41	180	240	ug/Kg
Q2819-08	11M-E	SOIL	Benzo(g,h,i)perylene		94.500	J	35.7	180	240	ug/Kg
			Total Svoc :		**1,828.40**					
Q2819-08	11M-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	330.000	AB	0		0	ug/Kg
Q2819-08	11M-E	SOIL	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	160.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Benzo[e]pyrene	*	130.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Butane, 2-methoxy-2-methyl-	*	590.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Eicosane	*	100.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Longifolene	*	110.000	J	0		0	ug/Kg
Q2819-08	11M-E	SOIL	Octadecanoic acid, butyl ester	*	100.000	JB	0		0	ug/Kg
			Total Tics :		**1,760.00**					
			Total Concentration:		**3,588.40**					
Client ID :	**84SB-E**									
Q2819-09	84SB-E	SOIL	1-Tricosene	*	610.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	540.000	AB	0		0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2819-09	84SB-E	SOIL	Benzophenone	*	510.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Butane, 2-methoxy-2-methyl-	*	3,100.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Docosane	*	280.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Hexadecanoic acid, 2-methylprop	*	340.000	JB	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Hexadecanoic acid, butyl ester	*	750.000	JB	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	n-Hexadecanoic acid	*	540.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Octadecane	*	180.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Octadecanoic acid	*	210.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Octadecanoic acid, 2-methylpropy	*	190.000	J	0		0	ug/Kg
Q2819-09	84SB-E	SOIL	Octadecanoic acid, butyl ester	*	630.000	JB	0		0	ug/Kg
			Total Tics :		**7,880.00**					
			Total Concentration:		**7,880.00**					
Client ID :	**84SB-S**									
Q2819-10	84SB-S	SOIL	Diethylphthalate		160.000	J	30.6	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Phenanthrene		73.000	J	22.6	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Di-n-butylphthalate		95.700	J	51.8	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Fluoranthene		160.000	J	32.4	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Pyrene		150.000	J	38.9	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Benzo(a)anthracene		81.200	J	24.9	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Chrysene		100.000	J	21.5	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Benzo(b)fluoranthene		130.000	J	20.5	140	180	ug/Kg
Q2819-10	84SB-S	SOIL	Benzo(a)pyrene		88.200	J	31.9	140	180	ug/Kg
			Total Svoc :		**1,038.10**					
Q2819-10	84SB-S	SOIL	1-Heneicosyl formate	*	120.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	AB	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	97.300	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	Benzophenone	*	290.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	Butane, 2-methoxy-2-methyl-	*	790.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	n-Hexadecanoic acid	*	1,400.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	Octadecanoic acid	*	400.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	Pentadecanoic acid	*	540.000	J	0		0	ug/Kg
Q2819-10	84SB-S	SOIL	Phthalic acid, di(2-propylpentyl)	*	150.000	J	0		0	ug/Kg
			Total Tics :		**3,907.30**					
			Total Concentration:		**4,945.40**					
Client ID :	**84SB-SRE**									
Q2819-10RE	84SB-SRE	SOIL	Fluoranthene		160.000	J	32.4	140	180	ug/Kg
Q2819-10RE	84SB-SRE	SOIL	Pyrene		120.000	J	38.9	140	180	ug/Kg
Q2819-10RE	84SB-SRE	SOIL	Benzo(a)anthracene		80.600	J	24.9	140	180	ug/Kg
Q2819-10RE	84SB-SRE	SOIL	Chrysene		100.000	J	21.5	140	180	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Q2819-10RE	84SB-SRE	SOIL	Benzo(b)fluoranthene		130.000	J	20.5	140	180	ug/Kg
Q2819-10RE	84SB-SRE	SOIL	Benzo(a)pyrene		90.900	J	31.9	140	180	ug/Kg
			Total Svoc :		**681.50**					
			Total Concentration:		**681.50**					
Client ID :	**84SB-W**									
Q2819-11	84SB-W	SOIL	Phenanthrene		150.000	J	24	150	200	ug/Kg
Q2819-11	84SB-W	SOIL	Fluoranthene		200.000		34.5	150	200	ug/Kg
Q2819-11	84SB-W	SOIL	Pyrene		130.000	J	41.4	150	200	ug/Kg
Q2819-11	84SB-W	SOIL	Benzo(a)anthracene		90.800	J	26.5	150	200	ug/Kg
Q2819-11	84SB-W	SOIL	Chrysene		85.600	J	22.9	150	200	ug/Kg
Q2819-11	84SB-W	SOIL	Benzo(b)fluoranthene		92.600	J	21.9	150	200	ug/Kg
			Total Svoc :		**749.00**					
Q2819-11	84SB-W	SOIL	Benzophenone	*	230.000	J	0		0	ug/Kg
Q2819-11	84SB-W	SOIL	Butane, 2-methoxy-2-methyl-	*	1,300.000	J	0		0	ug/Kg
Q2819-11	84SB-W	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0		0	ug/Kg
			Total Tics :		**1,730.00**					
			Total Concentration:		**2,479.00**					
Client ID :	**17M-S**									
Q2819-12	17M-S	SOIL	Phenanthrene		72.100	J	22.4	140	180	ug/Kg
Q2819-12	17M-S	SOIL	Fluoranthene		130.000	J	32.1	140	180	ug/Kg
Q2819-12	17M-S	SOIL	Pyrene		110.000	J	38.5	140	180	ug/Kg
Q2819-12	17M-S	SOIL	Benzo(b)fluoranthene		78.500	J	20.3	140	180	ug/Kg
			Total Svoc :		**390.60**					
Q2819-12	17M-S	SOIL	(Z)-14-Tricosenyl formate	*	140.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	1,6-Methano-1H-indene, 2,3,3a,4,	*	870.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	1-Heneicosanol	*	350.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	1-Hexacosene	*	290.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	AB	0		0	ug/Kg
Q2819-12	17M-S	SOIL	4-Methoxy-5-bromo-dimethylami	*	74.900	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Benzophenone	*	300.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Butane, 2-methoxy-2-methyl-	*	730.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Heptachlor epoxide	*	73.500	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Naphthalene, 1,2,3,4-tetrachloro-	*	77.800	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	n-Hexadecanoic acid	*	310.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Octacosanol	*	300.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	Octadecanoic acid	*	130.000	J	0		0	ug/Kg
Q2819-12	17M-S	SOIL	trans-Chlordane	*	280.000	J	0		0	ug/Kg
			Total Tics :		**4,116.20**					
			Total Concentration:		**4,506.80**					

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

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**17M-E**									
Q2819-13	17M-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB	0		0	ug/Kg
Q2819-13	17M-E	SOIL	Benzophenone	*	280.000	J	0		0	ug/Kg
Q2819-13	17M-E	SOIL	Butane, 2-methoxy-2-methyl-	*	1,000.000	J	0		0	ug/Kg
			Total Tics :		**1,510.00**					
			Total Concentration:		**1,510.00**					
Client ID :	**17M-W**									
Q2819-14	17M-W	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB	0		0	ug/Kg
Q2819-14	17M-W	SOIL	Benzophenone	*	300.000	J	0		0	ug/Kg
Q2819-14	17M-W	SOIL	Butane, 2-methoxy-2-methyl-	*	930.000	J	0		0	ug/Kg
			Total Tics :		**1,450.00**					
			Total Concentration:		**1,450.00**					
Client ID :	**17M-N**									
Q2819-15	17M-N	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	230.000	AB	0		0	ug/Kg
Q2819-15	17M-N	SOIL	Benzophenone	*	300.000	J	0		0	ug/Kg
Q2819-15	17M-N	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0		0	ug/Kg
			Total Tics :		**1,630.00**					
			Total Concentration:		**1,630.00**					
Client ID :	**38M-S**									
Q2819-16	38M-S	SOIL	2-(2-(2-(2-(2-(2-Methoxyethoxy)e	*	450.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Benzophenone	*	330.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Butane, 2-methoxy-2-methyl-	*	680.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Cyclodocosane, ethyl-	*	250.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Methyl 2-(2-(2-methoxyethoxy)et	*	560.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	n-Hexadecanoic acid	*	470.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Octadecanoic acid	*	260.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Phthalic acid, monooctyl ester	*	160.000	J	0		0	ug/Kg
Q2819-16	38M-S	SOIL	Tetraglyme	*	210.000	J	0		0	ug/Kg
			Total Tics :		**3,570.00**					
			Total Concentration:		**3,570.00**					
Client ID :	**38M-N**									
Q2819-17	38M-N	SOIL	1-Hexacosene	*	190.000	J	0		0	ug/Kg
Q2819-17	38M-N	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0		0	ug/Kg
Q2819-17	38M-N	SOIL	Benzophenone	*	320.000	J	0		0	ug/Kg
Q2819-17	38M-N	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0		0	ug/Kg
Q2819-17	38M-N	SOIL	n-Hexadecanoic acid	*	160.000	J	0		0	ug/Kg
			Total Tics :		**2,040.00**					

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Hit Summary Sheet
SW-846

SDG No.: Q2819

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:		**2,040.00**					
Client ID :	**38M-W**									
Q2819-18	38M-W	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	AB	0		0	ug/Kg
Q2819-18	38M-W	SOIL	Benzophenone	*	280.000	J	0		0	ug/Kg
Q2819-18	38M-W	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0		0	ug/Kg
			Total Tics :		**1,650.00**					
			Total Concentration:		**1,650.00**					
Client ID :	**38M-E**									
Q2819-19	38M-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	240.000	AB	0		0	ug/Kg
Q2819-19	38M-E	SOIL	Benzophenone	*	240.000	J	0		0	ug/Kg
Q2819-19	38M-E	SOIL	Butane, 2-methoxy-2-methyl-	*	990.000	J	0		0	ug/Kg
			Total Tics :		**1,470.00**					
			Total Concentration:		**1,470.00**					
Client ID :	**82H-E**									
Q2819-20	82H-E	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	300.000	AB	0		0	ug/Kg
Q2819-20	82H-E	SOIL	Benzophenone	*	320.000	J	0		0	ug/Kg
Q2819-20	82H-E	SOIL	Butane, 2-methoxy-2-methyl-	*	1,200.000	J	0		0	ug/Kg
			Total Tics :		**1,820.00**					
			Total Concentration:		**1,820.00**					

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:	08/04/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.9
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143533.D	1	08/14/25 08:40	08/21/25 16:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	330	U	190	330	400	ug/Kg
108-95-2	Phenol	160	U	26.6	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	29.3	160	200	ug/Kg
95-57-8	2-Chlorophenol	160	U	29.4	160	200	ug/Kg
95-48-7	2-Methylphenol	160	U	36.0	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	45.2	160	200	ug/Kg
98-86-2	Acetophenone	160	U	35.5	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	49.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	96.3	U	57.1	96.3	96.3	ug/Kg
67-72-1	Hexachloroethane	160	U	21.2	160	200	ug/Kg
98-95-3	Nitrobenzene	160	U	22.0	160	200	ug/Kg
78-59-1	Isophorone	160	U	39.5	160	200	ug/Kg
88-75-5	2-Nitrophenol	160	U	70.1	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	78.0	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	37.1	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	34.1	160	200	ug/Kg
91-20-3	Naphthalene	160	U	27.3	160	200	ug/Kg
106-47-8	4-Chloroaniline	160	U	42.6	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	30.5	160	200	ug/Kg
105-60-2	Caprolactam	330	U	62.7	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	34.6	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	30.8	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	140	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	23.8	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	35.0	160	200	ug/Kg
92-52-4	1,1-Biphenyl	160	U	26.3	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	27.1	160	200	ug/Kg
88-74-4	2-Nitroaniline	160	U	57.9	160	200	ug/Kg
131-11-3	Dimethylphthalate	160	U	32.6	160	200	ug/Kg

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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:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.9
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143533.D	1	08/14/25 08:40	08/21/25 16:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	34.8	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	40.5	160	200	ug/Kg
99-09-2	3-Nitroaniline	160	U	55.4	160	200	ug/Kg
83-32-9	Acenaphthene	160	U	25.7	160	200	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	280	330	400	ug/Kg
100-02-7	4-Nitrophenol	330	U	130	330	400	ug/Kg
132-64-9	Dibenzofuran	160	U	27.3	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	60.3	160	200	ug/Kg
84-66-2	Diethylphthalate	160	U	34.1	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	32.2	160	200	ug/Kg
86-73-7	Fluorene	160	U	30.5	160	200	ug/Kg
100-01-6	4-Nitroaniline	160	U	77.3	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	120	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	39.6	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	33.5	160	200	ug/Kg
118-74-1	Hexachlorobenzene	160	U	30.5	160	200	ug/Kg
1912-24-9	Atrazine	160	U	40.9	160	200	ug/Kg
87-86-5	Pentachlorophenol	330	U	61.8	330	400	ug/Kg
85-01-8	Phenanthrene	160	U	25.2	160	200	ug/Kg
120-12-7	Anthracene	160	U	40.1	160	200	ug/Kg
86-74-8	Carbazole	160	U	37.6	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	57.7	160	200	ug/Kg
206-44-0	Fluoranthene	130	J	36.1	160	200	ug/Kg
129-00-0	Pyrene	83.9	J	43.4	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	86.0	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	44.2	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	27.7	160	200	ug/Kg
218-01-9	Chrysene	160	U	24.0	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	71.3	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	100	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	22.9	160	200	ug/Kg

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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:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.9
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143533.D	1	08/14/25 08:40	08/21/25 16:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	160	U	27.0	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	35.5	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	35.0	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	33.0	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	30.9	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	30.8	160	200	ug/Kg
123-91-1	1,4-Dioxane	160	UQ	54.4	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	33.0	160	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		35 - 115		87%	SPK: 150
13127-88-3	Phenol-d6	136		34 - 127		91%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.2		37 - 122		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.8		44 - 115		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		39 - 132		89%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		54 - 127		76%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113000	6.928				
1146-65-2	Naphthalene-d8	428000	8.204				
15067-26-2	Acenaphthene-d10	220000	9.963				
1517-22-2	Phenanthrene-d10	315000	11.451				
1719-03-5	Chrysene-d12	221000	14.092				
1520-96-3	Perylene-d12	261000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.28	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	430	AB			5.17	ug/Kg
000119-61-9	Benzophenone	360	J			10.7	ug/Kg
001454-84-8	n-Nonadecanol-1	85.9	J			14.0	ug/Kg
000192-97-2	Benzo[e]pyrene	97.1	J			15.2	ug/Kg

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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:	22BP-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	82.9
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143533.D	1	08/14/25 08:40	08/21/25 16:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025524.D	1	08/14/25 08:40	08/21/25 02:37	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	28.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	150	U	28.4	150	200	ug/Kg
95-48-7	2-Methylphenol	150	U	34.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	43.6	150	200	ug/Kg
98-86-2	Acetophenone	150	U	34.3	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	47.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	93.1	U	55.1	93.1	93.1	ug/Kg
67-72-1	Hexachloroethane	150	U	20.5	150	200	ug/Kg
98-95-3	Nitrobenzene	150	U	21.3	150	200	ug/Kg
78-59-1	Isophorone	150	U	38.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	150	U	67.7	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	75.4	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.8	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.9	150	200	ug/Kg
91-20-3	Naphthalene	150	U	26.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	150	U	41.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	29.4	150	200	ug/Kg
105-60-2	Caprolactam	310	U	60.6	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	33.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.8	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	23.0	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	U	25.4	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	26.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	150	U	56.0	150	200	ug/Kg
131-11-3	Dimethylphthalate	150	U	31.5	150	200	ug/Kg

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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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025524.D	1	08/14/25 08:40	08/21/25 02:37	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	33.6	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	39.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	150	U	53.5	150	200	ug/Kg
83-32-9	Acenaphthene	150	U	24.8	150	200	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	270	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	26.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	58.3	150	200	ug/Kg
84-66-2	Diethylphthalate	150	U	32.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	31.1	150	200	ug/Kg
86-73-7	Fluorene	150	U	29.4	150	200	ug/Kg
100-01-6	4-Nitroaniline	150	U	74.7	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	38.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	32.3	150	200	ug/Kg
118-74-1	Hexachlorobenzene	150	U	29.4	150	200	ug/Kg
1912-24-9	Atrazine	150	U	39.6	150	200	ug/Kg
87-86-5	Pentachlorophenol	310	U	59.7	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	24.3	150	200	ug/Kg
120-12-7	Anthracene	150	U	38.7	150	200	ug/Kg
86-74-8	Carbazole	150	U	36.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	55.7	150	200	ug/Kg
206-44-0	Fluoranthene	150	U	34.9	150	200	ug/Kg
129-00-0	Pyrene	150	U	41.9	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	83.1	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	42.7	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.8	150	200	ug/Kg
218-01-9	Chrysene	150	U	23.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	68.9	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	100	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	22.1	150	200	ug/Kg

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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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025524.D	1	08/14/25 08:40	08/21/25 02:37	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	26.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	34.3	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.9	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.8	150	200	ug/Kg
123-91-1	1,4-Dioxane	150	UQ	52.6	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.9	150	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.1		35 - 115		55%	SPK: 150
13127-88-3	Phenol-d6	83.1		34 - 127		55%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.6		37 - 122		56%	SPK: 100
321-60-8	2-Fluorobiphenyl	53.7		44 - 115		54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.1		39 - 132		56%	SPK: 150
1718-51-0	Terphenyl-d14	51.6	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188000	7.784				
1146-65-2	Naphthalene-d8	720000	10.554				
15067-26-2	Acenaphthene-d10	434000	14.401				
1517-22-2	Phenanthrene-d10	813000	17.183				
1719-03-5	Chrysene-d12	805000	21.624				
1520-96-3	Perylene-d12	976000	24.983				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	AB			4.95	ug/Kg
000119-61-9	Benzophenone	390	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	230	J			18.1	ug/Kg
959010-23-2	Trifluoroacetic acid, pentadecyl e	230	J			21.3	ug/Kg

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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:	22BP-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.7
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025524.D	1	08/14/25 08:40	08/21/25 02:37	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.8
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025515.D	1	08/14/25 08:40	08/20/25 20:30	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	28.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	150	U	28.4	150	200	ug/Kg
95-48-7	2-Methylphenol	150	U	34.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	43.7	150	200	ug/Kg
98-86-2	Acetophenone	150	U	34.4	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	47.9	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	93.2	U	55.2	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	150	U	20.5	150	200	ug/Kg
98-95-3	Nitrobenzene	150	U	21.3	150	200	ug/Kg
78-59-1	Isophorone	150	U	38.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	150	U	67.8	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	75.5	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.9	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	33.0	150	200	ug/Kg
91-20-3	Naphthalene	150	U	26.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	150	U	41.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	29.5	150	200	ug/Kg
105-60-2	Caprolactam	310	U	60.7	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	33.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.8	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	140	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	23.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	U	25.4	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	26.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	150	U	56.0	150	200	ug/Kg
131-11-3	Dimethylphthalate	150	U	31.6	150	200	ug/Kg

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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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.8
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025515.D	1	08/14/25 08:40	08/20/25 20:30	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	33.7	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	39.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	150	U	53.6	150	200	ug/Kg
83-32-9	Acenaphthene	150	U	24.8	150	200	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	270	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	26.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	58.4	150	200	ug/Kg
84-66-2	Diethylphthalate	150	U	33.0	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	31.1	150	200	ug/Kg
86-73-7	Fluorene	150	U	29.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	150	U	74.8	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	38.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	32.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	150	U	29.5	150	200	ug/Kg
1912-24-9	Atrazine	150	U	39.6	150	200	ug/Kg
87-86-5	Pentachlorophenol	310	U	59.8	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	24.3	150	200	ug/Kg
120-12-7	Anthracene	150	U	38.8	150	200	ug/Kg
86-74-8	Carbazole	150	U	36.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	55.8	150	200	ug/Kg
206-44-0	Fluoranthene	150	U	34.9	150	200	ug/Kg
129-00-0	Pyrene	150	U	41.9	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	83.2	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	42.7	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.8	150	200	ug/Kg
218-01-9	Chrysene	150	U	23.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	69.0	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	100	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	22.1	150	200	ug/Kg

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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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.8
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025515.D	1	08/14/25 08:40	08/20/25 20:30	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	26.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	34.4	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.9	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.8	150	200	ug/Kg
123-91-1	1,4-Dioxane	150	UQ	52.6	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.9	150	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.1		35 - 115		63%	SPK: 150
13127-88-3	Phenol-d6	94.0		34 - 127		63%	SPK: 150
4165-60-0	Nitrobenzene-d5	61.7		37 - 122		62%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.1		44 - 115		57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	91.0		39 - 132		61%	SPK: 150
1718-51-0	Terphenyl-d14	54.3		54 - 127		54%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.79				
1146-65-2	Naphthalene-d8	737000	10.554				
15067-26-2	Acenaphthene-d10	450000	14.407				
1517-22-2	Phenanthrene-d10	802000	17.213				
1719-03-5	Chrysene-d12	795000	21.648				
1520-96-3	Perylene-d12	990000	25.018				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	AB			4.95	ug/Kg
000119-61-9	Benzophenone	370	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	210	J			18.1	ug/Kg
000057-11-4	Octadecanoic acid	84.6	J			19.5	ug/Kg
000111-06-8	Hexadecanoic acid, butyl ester	220	JB			19.6	ug/Kg
000123-95-5	Octadecanoic acid, butyl ester	200	JB			20.7	ug/Kg

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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:	22BP-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.8
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025515.D	1	08/14/25 08:40	08/20/25 20:30	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
015306-27-1	Heptacos-1-ene	230	J			21.3	ug/Kg

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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025539.D	1	08/14/25 08:40	08/21/25 14:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	370	ug/Kg
108-95-2	Phenol	150	U	25.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	27.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	150	U	27.7	150	190	ug/Kg
95-48-7	2-Methylphenol	150	U	33.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	42.6	150	190	ug/Kg
98-86-2	Acetophenone	150	U	33.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	46.6	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	90.8	U	53.8	90.8	90.8	ug/Kg
67-72-1	Hexachloroethane	150	U	20.0	150	190	ug/Kg
98-95-3	Nitrobenzene	150	U	20.8	150	190	ug/Kg
78-59-1	Isophorone	150	U	37.2	150	190	ug/Kg
88-75-5	2-Nitrophenol	150	U	66.0	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	73.5	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	34.9	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.1	150	190	ug/Kg
91-20-3	Naphthalene	150	U	25.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	28.7	150	190	ug/Kg
105-60-2	Caprolactam	310	U	59.1	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	32.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.0	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.5	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.0	150	190	ug/Kg
92-52-4	1,1-Biphenyl	150	U	24.7	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	25.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	150	U	54.6	150	190	ug/Kg
131-11-3	Dimethylphthalate	150	U	30.8	150	190	ug/Kg

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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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025539.D	1	08/14/25 08:40	08/21/25 14:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	32.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	150	U	52.2	150	190	ug/Kg
83-32-9	Acenaphthene	150	U	24.2	150	190	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	370	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	370	ug/Kg
132-64-9	Dibenzofuran	150	U	25.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	56.8	150	190	ug/Kg
84-66-2	Diethylphthalate	150	U	32.1	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.3	150	190	ug/Kg
86-73-7	Fluorene	150	U	28.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	150	U	72.8	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	37.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	31.5	150	190	ug/Kg
118-74-1	Hexachlorobenzene	150	U	28.7	150	190	ug/Kg
1912-24-9	Atrazine	150	U	38.6	150	190	ug/Kg
87-86-5	Pentachlorophenol	310	U	58.2	310	370	ug/Kg
85-01-8	Phenanthrene	150	U	23.7	150	190	ug/Kg
120-12-7	Anthracene	150	U	37.8	150	190	ug/Kg
86-74-8	Carbazole	150	U	35.4	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	54.4	150	190	ug/Kg
206-44-0	Fluoranthene	150	U	34.0	150	190	ug/Kg
129-00-0	Pyrene	150	U	40.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	81.0	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	41.6	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.1	150	190	ug/Kg
218-01-9	Chrysene	150	U	22.6	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	67.2	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	98.5	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	21.6	150	190	ug/Kg

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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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025539.D	1	08/14/25 08:40	08/21/25 14:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	33.5	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.0	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.2	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.0	150	190	ug/Kg
123-91-1	1,4-Dioxane	150	UQ	51.3	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.1	150	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.0		35 - 115		41%	SPK: 150
13127-88-3	Phenol-d6	63.4		34 - 127		42%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.4		37 - 122		39%	SPK: 100
321-60-8	2-Fluorobiphenyl	36.9	*	44 - 115		37%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.2		39 - 132		43%	SPK: 150
1718-51-0	Terphenyl-d14	34.8	*	54 - 127		35%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193000	7.784				
1146-65-2	Naphthalene-d8	777000	10.554				
15067-26-2	Acenaphthene-d10	487000	14.395				
1517-22-2	Phenanthrene-d10	967000	17.195				
1719-03-5	Chrysene-d12	966000	21.648				
1520-96-3	Perylene-d12	1100000	25.024				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	AB			4.94	ug/Kg
000119-61-9	Benzophenone	280	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	260	J			18.1	ug/Kg
000057-11-4	Octadecanoic acid	86.6	J			19.5	ug/Kg
041755-58-2	Triacontyl acetate	88.9	J			21.3	ug/Kg
018835-32-0	1-Tricosene	190	J			21.3	ug/Kg

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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:	22BP-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-04	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025539.D	1	08/14/25 08:40	08/21/25 14:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	22BP-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-04RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143538.D	1	08/14/25 08:40	08/21/25 19:03	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	370	ug/Kg
108-95-2	Phenol	150	U	25.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	27.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	150	U	27.7	150	190	ug/Kg
95-48-7	2-Methylphenol	150	U	33.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	42.6	150	190	ug/Kg
98-86-2	Acetophenone	150	U	33.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	46.6	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	90.8	U	53.8	90.8	90.8	ug/Kg
67-72-1	Hexachloroethane	150	U	20.0	150	190	ug/Kg
98-95-3	Nitrobenzene	150	U	20.8	150	190	ug/Kg
78-59-1	Isophorone	150	U	37.2	150	190	ug/Kg
88-75-5	2-Nitrophenol	150	U	66.0	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	73.5	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	34.9	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.1	150	190	ug/Kg
91-20-3	Naphthalene	150	U	25.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	28.7	150	190	ug/Kg
105-60-2	Caprolactam	310	U	59.1	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	32.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.0	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.5	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.0	150	190	ug/Kg
92-52-4	1,1-Biphenyl	150	U	24.7	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	25.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	150	U	54.6	150	190	ug/Kg
131-11-3	Dimethylphthalate	150	U	30.8	150	190	ug/Kg

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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:	22BP-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-04RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143538.D	1	08/14/25 08:40	08/21/25 19:03	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	32.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.1	150	190	ug/Kg
99-09-2	3-Nitroaniline	150	U	52.2	150	190	ug/Kg
83-32-9	Acenaphthene	150	U	24.2	150	190	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	370	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	370	ug/Kg
132-64-9	Dibenzofuran	150	U	25.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	56.8	150	190	ug/Kg
84-66-2	Diethylphthalate	150	U	32.1	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.3	150	190	ug/Kg
86-73-7	Fluorene	150	U	28.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	150	U	72.8	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	37.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	31.5	150	190	ug/Kg
118-74-1	Hexachlorobenzene	150	U	28.7	150	190	ug/Kg
1912-24-9	Atrazine	150	U	38.6	150	190	ug/Kg
87-86-5	Pentachlorophenol	310	U	58.2	310	370	ug/Kg
85-01-8	Phenanthrene	150	U	23.7	150	190	ug/Kg
120-12-7	Anthracene	150	U	37.8	150	190	ug/Kg
86-74-8	Carbazole	150	U	35.4	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	54.4	150	190	ug/Kg
206-44-0	Fluoranthene	150	U	34.0	150	190	ug/Kg
129-00-0	Pyrene	150	U	40.8	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	81.0	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	41.6	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.1	150	190	ug/Kg
218-01-9	Chrysene	150	U	22.6	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	67.2	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	98.5	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	21.6	150	190	ug/Kg

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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:	22BP-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-04RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	88.1
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143538.D	1	08/14/25 08:40	08/21/25 19:03	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.4	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	33.5	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.0	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.2	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.0	150	190	ug/Kg
123-91-1	1,4-Dioxane	150	UQ	51.3	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.1	150	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.0		35 - 115		43%	SPK: 150
13127-88-3	Phenol-d6	65.8		34 - 127		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.8		37 - 122		47%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.0		44 - 115		48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	56.6	*	39 - 132		38%	SPK: 150
1718-51-0	Terphenyl-d14	32.3	*	54 - 127		32%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111000	6.928				
1146-65-2	Naphthalene-d8	414000	8.204				
15067-26-2	Acenaphthene-d10	203000	9.963				
1517-22-2	Phenanthrene-d10	266000	11.451				
1719-03-5	Chrysene-d12	227000	14.092				
1520-96-3	Perylene-d12	248000	15.592				

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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.5
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025500.D	1	08/14/25 08:40	08/20/25 08:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	290	U	170	290	360	ug/Kg
108-95-2	Phenol	140	U	24.1	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	26.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	140	U	26.6	140	190	ug/Kg
95-48-7	2-Methylphenol	140	U	32.6	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	40.9	140	190	ug/Kg
98-86-2	Acetophenone	140	U	32.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	290	U	44.9	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	87.3	U	51.7	87.3	87.3	ug/Kg
67-72-1	Hexachloroethane	140	U	19.2	140	190	ug/Kg
98-95-3	Nitrobenzene	140	U	20.0	140	190	ug/Kg
78-59-1	Isophorone	140	U	35.8	140	190	ug/Kg
88-75-5	2-Nitrophenol	140	U	63.5	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	70.7	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	33.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	30.9	140	190	ug/Kg
91-20-3	Naphthalene	140	U	24.8	140	190	ug/Kg
106-47-8	4-Chloroaniline	140	U	38.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	27.6	140	190	ug/Kg
105-60-2	Caprolactam	290	U	56.9	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	31.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	27.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	130	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	21.6	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	31.8	140	190	ug/Kg
92-52-4	1,1-Biphenyl	140	U	23.8	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	24.6	140	190	ug/Kg
88-74-4	2-Nitroaniline	140	U	52.5	140	190	ug/Kg
131-11-3	Dimethylphthalate	140	U	29.6	140	190	ug/Kg

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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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.5
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025500.D	1	08/14/25 08:40	08/20/25 08:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	140	U	31.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	36.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	140	U	50.2	140	190	ug/Kg
83-32-9	Acenaphthene	140	U	23.2	140	190	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	250	290	360	ug/Kg
100-02-7	4-Nitrophenol	290	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	140	U	24.8	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	54.7	140	190	ug/Kg
84-66-2	Diethylphthalate	140	U	30.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	29.1	140	190	ug/Kg
86-73-7	Fluorene	140	U	27.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	140	U	70.1	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	290	U	110	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	35.9	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	30.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	140	U	27.6	140	190	ug/Kg
1912-24-9	Atrazine	140	U	37.1	140	190	ug/Kg
87-86-5	Pentachlorophenol	290	U	56.0	290	360	ug/Kg
85-01-8	Phenanthrene	140	U	22.8	140	190	ug/Kg
120-12-7	Anthracene	140	U	36.3	140	190	ug/Kg
86-74-8	Carbazole	140	U	34.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	52.3	140	190	ug/Kg
206-44-0	Fluoranthene	140	U	32.7	140	190	ug/Kg
129-00-0	Pyrene	140	U	39.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	77.9	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	40.1	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	25.1	140	190	ug/Kg
218-01-9	Chrysene	140	U	21.7	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	64.6	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	94.7	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	20.7	140	190	ug/Kg

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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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.5
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025500.D	1	08/14/25 08:40	08/20/25 08:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	140	U	24.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	32.2	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	31.8	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	29.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	28.1	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	27.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	140	UQ	49.3	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	29.9	140	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122		35 - 115		81%	SPK: 150
13127-88-3	Phenol-d6	124		34 - 127		83%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.0		37 - 122		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.5		44 - 115		71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		39 - 132		87%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		54 - 127		70%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157000	7.79				
1146-65-2	Naphthalene-d8	621000	10.56				
15067-26-2	Acenaphthene-d10	426000	14.401				
1517-22-2	Phenanthrene-d10	905000	17.195				
1719-03-5	Chrysene-d12	992000	21.636				
1520-96-3	Perylene-d12	1040000	25.007				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	AB			4.94	ug/Kg
000119-61-9	Benzophenone	400	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	280	J			18.1	ug/Kg
000110-34-9	Hexadecanoic acid, 2-methylpropyl	130	JB			19.4	ug/Kg
000057-11-4	Octadecanoic acid	100	J			19.5	ug/Kg
000111-06-8	Hexadecanoic acid, butyl ester	210	JB			19.6	ug/Kg

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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:	11M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-05	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.5
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025500.D	1	08/14/25 08:40	08/20/25 08:38	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000646-13-9	Octadecanoic acid, 2-methylpropyl	77.1	J			20.5	ug/Kg
000123-95-5	Octadecanoic acid, butyl ester	170	JB			20.7	ug/Kg
1000351-88-8	Nonadecyl pentafluoropropionate	190	J			21.3	ug/Kg

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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143532.D	1	08/14/25 08:40	08/21/25 16:09	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	300	U	170	300	360	ug/Kg
108-95-2	Phenol	140	U	24.4	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	26.8	140	190	ug/Kg
95-57-8	2-Chlorophenol	140	U	26.9	140	190	ug/Kg
95-48-7	2-Methylphenol	140	U	33.0	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	41.3	140	190	ug/Kg
98-86-2	Acetophenone	140	U	32.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	300	U	45.3	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	88.2	U	52.3	88.2	88.2	ug/Kg
67-72-1	Hexachloroethane	140	U	19.4	140	190	ug/Kg
98-95-3	Nitrobenzene	140	U	20.2	140	190	ug/Kg
78-59-1	Isophorone	140	U	36.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	140	U	64.2	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	71.4	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	34.0	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	31.2	140	190	ug/Kg
91-20-3	Naphthalene	140	U	25.0	140	190	ug/Kg
106-47-8	4-Chloroaniline	140	U	39.0	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	27.9	140	190	ug/Kg
105-60-2	Caprolactam	300	U	57.4	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	31.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	28.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	130	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	21.8	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	32.1	140	190	ug/Kg
92-52-4	1,1-Biphenyl	140	U	24.0	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	24.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	140	U	53.0	140	190	ug/Kg
131-11-3	Dimethylphthalate	140	U	29.9	140	190	ug/Kg

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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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143532.D	1	08/14/25 08:40	08/21/25 16:09	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	140	U	31.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	37.0	140	190	ug/Kg
99-09-2	3-Nitroaniline	140	U	50.7	140	190	ug/Kg
83-32-9	Acenaphthene	140	U	23.5	140	190	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	250	300	360	ug/Kg
100-02-7	4-Nitrophenol	300	U	120	300	360	ug/Kg
132-64-9	Dibenzofuran	140	U	25.0	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	55.2	140	190	ug/Kg
84-66-2	Diethylphthalate	140	U	31.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	29.4	140	190	ug/Kg
86-73-7	Fluorene	140	U	27.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	140	U	70.8	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	300	U	110	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	36.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	30.6	140	190	ug/Kg
118-74-1	Hexachlorobenzene	140	U	27.9	140	190	ug/Kg
1912-24-9	Atrazine	140	U	37.5	140	190	ug/Kg
87-86-5	Pentachlorophenol	300	U	56.6	300	360	ug/Kg
85-01-8	Phenanthrene	140	U	23.0	140	190	ug/Kg
120-12-7	Anthracene	140	U	36.7	140	190	ug/Kg
86-74-8	Carbazole	140	U	34.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	52.8	140	190	ug/Kg
206-44-0	Fluoranthene	140	U	33.1	140	190	ug/Kg
129-00-0	Pyrene	140	U	39.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	78.7	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	40.5	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	25.4	140	190	ug/Kg
218-01-9	Chrysene	140	U	21.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	65.3	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	300	U	95.7	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	20.9	140	190	ug/Kg

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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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143532.D	1	08/14/25 08:40	08/21/25 16:09	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	140	U	24.7	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	32.5	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	32.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	30.2	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	28.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	28.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	140	UQ	49.8	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	30.2	140	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.4		35 - 115		54%	SPK: 150
13127-88-3	Phenol-d6	83.1		34 - 127		55%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.4		37 - 122		60%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.5		44 - 115		58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	80.2		39 - 132		53%	SPK: 150
1718-51-0	Terphenyl-d14	48.2	*	54 - 127		48%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.928				
1146-65-2	Naphthalene-d8	464000	8.204				
15067-26-2	Acenaphthene-d10	241000	9.963				
1517-22-2	Phenanthrene-d10	350000	11.451				
1719-03-5	Chrysene-d12	236000	14.092				
1520-96-3	Perylene-d12	279000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB			5.16	ug/Kg
000119-61-9	Benzophenone	200	J			10.7	ug/Kg
000111-06-8	Hexadecanoic acid, butyl ester	81.9	JB			12.9	ug/Kg

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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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	90.5
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143532.D	1	08/14/25 08:40	08/21/25 16:09	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.9
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143525.D	1	08/14/25 08:40	08/21/25 12:46	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	360	U	210	360	430	ug/Kg
108-95-2	Phenol	170	U	29.1	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	32.0	170	220	ug/Kg
95-57-8	2-Chlorophenol	170	U	32.1	170	220	ug/Kg
95-48-7	2-Methylphenol	170	U	39.4	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	49.4	170	220	ug/Kg
98-86-2	Acetophenone	170	U	38.8	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	360	U	54.1	360	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	62.4	110	110	ug/Kg
67-72-1	Hexachloroethane	170	U	23.2	170	220	ug/Kg
98-95-3	Nitrobenzene	170	U	24.1	170	220	ug/Kg
78-59-1	Isophorone	170	U	43.2	170	220	ug/Kg
88-75-5	2-Nitrophenol	170	U	76.6	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	85.3	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	40.5	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	37.2	170	220	ug/Kg
91-20-3	Naphthalene	780		29.9	170	220	ug/Kg
106-47-8	4-Chloroaniline	170	U	46.6	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	33.3	170	220	ug/Kg
105-60-2	Caprolactam	360	U	68.6	360	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	37.8	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	280		33.7	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	150	360	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	26.1	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	38.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	170	U	28.7	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	29.6	170	220	ug/Kg
88-74-4	2-Nitroaniline	170	U	63.3	170	220	ug/Kg
131-11-3	Dimethylphthalate	170	U	35.7	170	220	ug/Kg

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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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.9
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143525.D	1	08/14/25 08:40	08/21/25 12:46	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	170	U	38.0	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	44.2	170	220	ug/Kg
99-09-2	3-Nitroaniline	170	U	60.5	170	220	ug/Kg
83-32-9	Acenaphthene	480		28.0	170	220	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	300	360	430	ug/Kg
100-02-7	4-Nitrophenol	360	U	140	360	430	ug/Kg
132-64-9	Dibenzofuran	460		29.9	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	65.9	170	220	ug/Kg
84-66-2	Diethylphthalate	170	U	37.2	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	35.1	170	220	ug/Kg
86-73-7	Fluorene	610		33.3	170	220	ug/Kg
100-01-6	4-Nitroaniline	170	U	84.5	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	140	360	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	43.3	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	36.6	170	220	ug/Kg
118-74-1	Hexachlorobenzene	170	U	33.3	170	220	ug/Kg
1912-24-9	Atrazine	170	U	44.8	170	220	ug/Kg
87-86-5	Pentachlorophenol	360	U	67.5	360	430	ug/Kg
85-01-8	Phenanthrene	1600		27.5	170	220	ug/Kg
120-12-7	Anthracene	210	J	43.8	170	220	ug/Kg
86-74-8	Carbazole	510		41.1	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	63.0	170	220	ug/Kg
206-44-0	Fluoranthene	730		39.5	170	220	ug/Kg
129-00-0	Pyrene	420		47.4	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	94.0	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	360	U	48.3	360	430	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	30.3	170	220	ug/Kg
218-01-9	Chrysene	140	J	26.2	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	77.9	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	110	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	25.0	170	220	ug/Kg

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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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.9
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143525.D	1	08/14/25 08:40	08/21/25 12:46	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	170	U	29.5	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	38.8	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	38.3	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	36.1	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	33.8	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	33.7	170	220	ug/Kg
123-91-1	1,4-Dioxane	170	UQ	59.5	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	36.1	170	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.9		35 - 115		57%	SPK: 150
13127-88-3	Phenol-d6	86.5		34 - 127		58%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.8		37 - 122		63%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.6		44 - 115		57%	SPK: 100
118-79-6	2,4,6-Tribromophenol	77.3		39 - 132		52%	SPK: 150
1718-51-0	Terphenyl-d14	50.5	*	54 - 127		50%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119000	6.928				
1146-65-2	Naphthalene-d8	450000	8.204				
15067-26-2	Acenaphthene-d10	235000	9.963				
1517-22-2	Phenanthrene-d10	338000	11.451				
1719-03-5	Chrysene-d12	208000	14.092				
1520-96-3	Perylene-d12	262000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	AB			5.16	ug/Kg
90-12-0	1-Methylnaphthalene	190	J			9.02	ug/Kg
000575-41-7	Naphthalene, 1,3-dimethyl-	160	J			9.62	ug/Kg
000644-08-6	1,1-Biphenyl, 4-methyl-	94.3	J			10.6	ug/Kg
000119-61-9	Benzophenone	300	J			10.7	ug/Kg
002235-15-6	1(2H)-Acenaphthylenone	130	J			10.9	ug/Kg

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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:	11M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-07	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	75.9
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143525.D	1	08/14/25 08:40	08/21/25 12:46	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
001730-37-6	9H-Fluorene, 1-methyl-	110	J			11.1	ug/Kg
000132-65-0	Dibenzothiophene	140	J			11.3	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	110	J			12.0	ug/Kg
000613-12-7	Anthracene, 2-methyl-	180	J			12.0	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			12.1	ug/Kg
033543-31-6	Fluoranthene, 2-methyl-	120	J			13.2	ug/Kg
000123-95-5	Octadecanoic acid, butyl ester	100	JB			13.6	ug/Kg

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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.8
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143526.D	1	08/14/25 08:40	08/21/25 13:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	380	U	220	380	460	ug/Kg
108-95-2	Phenol	180	U	30.7	180	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	33.8	180	240	ug/Kg
95-57-8	2-Chlorophenol	180	U	33.9	180	240	ug/Kg
95-48-7	2-Methylphenol	180	U	41.6	180	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	52.1	180	240	ug/Kg
98-86-2	Acetophenone	180	U	41.0	180	240	ug/Kg
65794-96-9	3+4-Methylphenols	380	U	57.1	380	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	110	U	65.9	110	110	ug/Kg
67-72-1	Hexachloroethane	180	U	24.5	180	240	ug/Kg
98-95-3	Nitrobenzene	180	U	25.4	180	240	ug/Kg
78-59-1	Isophorone	180	U	45.6	180	240	ug/Kg
88-75-5	2-Nitrophenol	180	U	80.9	180	240	ug/Kg
105-67-9	2,4-Dimethylphenol	180	U	90.1	180	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	42.8	180	240	ug/Kg
120-83-2	2,4-Dichlorophenol	180	U	39.3	180	240	ug/Kg
91-20-3	Naphthalene	180	U	31.6	180	240	ug/Kg
106-47-8	4-Chloroaniline	180	U	49.2	180	240	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	35.2	180	240	ug/Kg
105-60-2	Caprolactam	380	U	72.4	380	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	39.9	180	240	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	35.6	180	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	380	U	160	380	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	U	27.5	180	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	180	U	40.5	180	240	ug/Kg
92-52-4	1,1-Biphenyl	180	U	30.3	180	240	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	31.3	180	240	ug/Kg
88-74-4	2-Nitroaniline	180	U	66.9	180	240	ug/Kg
131-11-3	Dimethylphthalate	180	U	37.7	180	240	ug/Kg

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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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.8
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143526.D	1	08/14/25 08:40	08/21/25 13:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	180	U	40.2	180	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	46.7	180	240	ug/Kg
99-09-2	3-Nitroaniline	180	U	64.0	180	240	ug/Kg
83-32-9	Acenaphthene	180	U	29.6	180	240	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	320	380	460	ug/Kg
100-02-7	4-Nitrophenol	380	U	150	380	460	ug/Kg
132-64-9	Dibenzofuran	180	U	31.6	180	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	69.7	180	240	ug/Kg
84-66-2	Diethylphthalate	180	U	39.3	180	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	37.1	180	240	ug/Kg
86-73-7	Fluorene	180	U	35.2	180	240	ug/Kg
100-01-6	4-Nitroaniline	180	U	89.3	180	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	140	380	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	45.7	180	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	38.7	180	240	ug/Kg
118-74-1	Hexachlorobenzene	180	U	35.2	180	240	ug/Kg
1912-24-9	Atrazine	180	U	47.3	180	240	ug/Kg
87-86-5	Pentachlorophenol	380	U	71.3	380	460	ug/Kg
85-01-8	Phenanthrene	210	J	29.1	180	240	ug/Kg
120-12-7	Anthracene	180	U	46.3	180	240	ug/Kg
86-74-8	Carbazole	180	U	43.4	180	240	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	66.6	180	240	ug/Kg
206-44-0	Fluoranthene	380		41.7	180	240	ug/Kg
129-00-0	Pyrene	260		50.1	180	240	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	99.3	180	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	380	U	51.0	380	460	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	32.0	180	240	ug/Kg
218-01-9	Chrysene	200	J	27.7	180	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	82.3	180	240	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	120	380	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		26.4	180	240	ug/Kg

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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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.8
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143526.D	1	08/14/25 08:40	08/21/25 13:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	93.9	J	31.1	180	240	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	41.0	180	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	40.5	180	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	U	38.1	180	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.5	J	35.7	180	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	35.6	180	240	ug/Kg
123-91-1	1,4-Dioxane	180	UQ	62.8	180	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	38.1	180	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.8		35 - 115		40%	SPK: 150
13127-88-3	Phenol-d6	65.5		34 - 127		44%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.3		37 - 122		43%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.7		44 - 115		55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100.0		39 - 132		67%	SPK: 150
1718-51-0	Terphenyl-d14	60.2		54 - 127		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.928				
1146-65-2	Naphthalene-d8	460000	8.204				
15067-26-2	Acenaphthene-d10	239000	9.963				
1517-22-2	Phenanthrene-d10	332000	11.451				
1719-03-5	Chrysene-d12	226000	14.092				
1520-96-3	Perylene-d12	280000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	590	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	330	AB			5.15	ug/Kg
000475-20-7	Longifolene	110	J			9.60	ug/Kg
000119-61-9	Benzophenone	240	J			10.7	ug/Kg
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	160	J			13.5	ug/Kg
000123-95-5	Octadecanoic acid, butyl ester	100	JB			13.6	ug/Kg
000192-97-2	Benzo[e]pyrene	130	J			15.5	ug/Kg

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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:	11M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-08	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.8
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143526.D	1	08/14/25 08:40	08/21/25 13:15	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000112-95-8	Eicosane	100	J			16.1	ug/Kg

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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	37.6
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025518.D	1	08/14/25 08:40	08/20/25 22:32	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	720	U	410	720	880	ug/Kg
108-95-2	Phenol	340	U	58.6	340	450	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	340	U	64.4	340	450	ug/Kg
95-57-8	2-Chlorophenol	340	U	64.7	340	450	ug/Kg
95-48-7	2-Methylphenol	340	U	79.3	340	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	99.4	340	450	ug/Kg
98-86-2	Acetophenone	340	U	78.2	340	450	ug/Kg
65794-96-9	3+4-Methylphenols	720	U	110	720	880	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	210	U	130	210	210	ug/Kg
67-72-1	Hexachloroethane	340	U	46.7	340	450	ug/Kg
98-95-3	Nitrobenzene	340	U	48.5	340	450	ug/Kg
78-59-1	Isophorone	340	U	87.0	340	450	ug/Kg
88-75-5	2-Nitrophenol	340	U	150	340	450	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	170	340	450	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	340	U	81.7	340	450	ug/Kg
120-83-2	2,4-Dichlorophenol	340	U	75.0	340	450	ug/Kg
91-20-3	Naphthalene	340	U	60.2	340	450	ug/Kg
106-47-8	4-Chloroaniline	340	U	93.9	340	450	ug/Kg
87-68-3	Hexachlorobutadiene	340	U	67.1	340	450	ug/Kg
105-60-2	Caprolactam	720	U	140	720	880	ug/Kg
59-50-7	4-Chloro-3-methylphenol	340	U	76.1	340	450	ug/Kg
91-57-6	2-Methylnaphthalene	340	U	67.9	340	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	720	U	310	720	880	ug/Kg
88-06-2	2,4,6-Trichlorophenol	340	U	52.5	340	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	340	U	77.2	340	450	ug/Kg
92-52-4	1,1-Biphenyl	340	U	57.8	340	450	ug/Kg
91-58-7	2-Chloronaphthalene	340	U	59.7	340	450	ug/Kg
88-74-4	2-Nitroaniline	340	U	130	340	450	ug/Kg
131-11-3	Dimethylphthalate	340	U	71.9	340	450	ug/Kg

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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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	37.6
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025518.D	1	08/14/25 08:40	08/20/25 22:32	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	340	U	76.6	340	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	340	U	89.1	340	450	ug/Kg
99-09-2	3-Nitroaniline	340	U	120	340	450	ug/Kg
83-32-9	Acenaphthene	340	U	56.5	340	450	ug/Kg
51-28-5	2,4-Dinitrophenol	720	U	610	720	880	ug/Kg
100-02-7	4-Nitrophenol	720	U	280	720	880	ug/Kg
132-64-9	Dibenzofuran	340	U	60.2	340	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	130	340	450	ug/Kg
84-66-2	Diethylphthalate	340	U	75.0	340	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	340	U	70.8	340	450	ug/Kg
86-73-7	Fluorene	340	U	67.1	340	450	ug/Kg
100-01-6	4-Nitroaniline	340	U	170	340	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720	U	270	720	880	ug/Kg
86-30-6	n-Nitrosodiphenylamine	340	U	87.2	340	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	73.7	340	450	ug/Kg
118-74-1	Hexachlorobenzene	340	U	67.1	340	450	ug/Kg
1912-24-9	Atrazine	340	U	90.2	340	450	ug/Kg
87-86-5	Pentachlorophenol	720	U	140	720	880	ug/Kg
85-01-8	Phenanthrene	340	U	55.4	340	450	ug/Kg
120-12-7	Anthracene	340	U	88.3	340	450	ug/Kg
86-74-8	Carbazole	340	U	82.7	340	450	ug/Kg
84-74-2	Di-n-butylphthalate	340	U	130	340	450	ug/Kg
206-44-0	Fluoranthene	340	U	79.5	340	450	ug/Kg
129-00-0	Pyrene	340	U	95.5	340	450	ug/Kg
85-68-7	Butylbenzylphthalate	340	U	190	340	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	720	U	97.3	720	880	ug/Kg
56-55-3	Benzo(a)anthracene	340	U	61.0	340	450	ug/Kg
218-01-9	Chrysene	340	U	52.8	340	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340	U	160	340	450	ug/Kg
117-84-0	Di-n-octyl phthalate	720	U	230	720	880	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	U	50.4	340	450	ug/Kg

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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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	37.6
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025518.D	1	08/14/25 08:40	08/20/25 22:32	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	340	U	59.4	340	450	ug/Kg
50-32-8	Benzo(a)pyrene	340	U	78.2	340	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340	U	77.2	340	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	340	U	72.7	340	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	U	68.1	340	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	67.9	340	450	ug/Kg
123-91-1	1,4-Dioxane	340	UQ	120	340	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	72.7	340	450	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.1		35 - 115		65%	SPK: 150
13127-88-3	Phenol-d6	93.3		34 - 127		62%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.3		37 - 122		65%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.4		44 - 115		55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.0		39 - 132		65%	SPK: 150
1718-51-0	Terphenyl-d14	51.5	*	54 - 127		51%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.784				
1146-65-2	Naphthalene-d8	629000	10.555				
15067-26-2	Acenaphthene-d10	393000	14.401				
1517-22-2	Phenanthrene-d10	801000	17.195				
1719-03-5	Chrysene-d12	914000	21.636				
1520-96-3	Perylene-d12	1000000	25.013				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3100	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	540	AB			4.94	ug/Kg
000119-61-9	Benzophenone	510	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	540	J			18.1	ug/Kg
000110-34-9	Hexadecanoic acid, 2-methylpropyl	340	JB			19.4	ug/Kg
000057-11-4	Octadecanoic acid	210	J			19.5	ug/Kg
000111-06-8	Hexadecanoic acid, butyl ester	750	JB			19.6	ug/Kg

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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:	84SB-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-09	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	37.6
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025518.D	1	08/14/25 08:40	08/20/25 22:32	PB169242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000646-13-9	Octadecanoic acid, 2-methylpropyl	190	J			20.5	ug/Kg
000123-95-5	Octadecanoic acid, butyl ester	630	JB			20.7	ug/Kg
018835-32-0	1-Tricosene	610	J			21.3	ug/Kg
000593-45-3	Octadecane	180	J			21.9	ug/Kg
000629-97-0	Docosane	280	J			22.6	ug/Kg

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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025534.D	1	08/15/25 08:25	08/21/25 10:50	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	290	U	170	290	360	ug/Kg
108-95-2	Phenol	140	U	23.9	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	26.3	140	180	ug/Kg
95-57-8	2-Chlorophenol	140	U	26.4	140	180	ug/Kg
95-48-7	2-Methylphenol	140	U	32.3	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	40.5	140	180	ug/Kg
98-86-2	Acetophenone	140	U	31.9	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	290	U	44.4	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	86.5	U	51.2	86.5	86.5	ug/Kg
67-72-1	Hexachloroethane	140	U	19.0	140	180	ug/Kg
98-95-3	Nitrobenzene	140	U	19.8	140	180	ug/Kg
78-59-1	Isophorone	140	U	35.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	140	U	62.9	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	70.0	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	33.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	30.6	140	180	ug/Kg
91-20-3	Naphthalene	140	U	24.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	140	U	38.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	27.3	140	180	ug/Kg
105-60-2	Caprolactam	290	U	56.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	31.0	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	27.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	130	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	21.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	31.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	140	U	23.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	24.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	140	U	52.0	140	180	ug/Kg
131-11-3	Dimethylphthalate	140	U	29.3	140	180	ug/Kg

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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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025534.D	1	08/15/25 08:25	08/21/25 10:50	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	140	U	31.2	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	36.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	140	U	49.7	140	180	ug/Kg
83-32-9	Acenaphthene	140	U	23.0	140	180	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	250	290	360	ug/Kg
100-02-7	4-Nitrophenol	290	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	140	U	24.5	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	54.2	140	180	ug/Kg
84-66-2	Diethylphthalate	160	J	30.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	28.9	140	180	ug/Kg
86-73-7	Fluorene	140	U	27.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	140	U	69.4	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	290	U	110	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	35.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	30.0	140	180	ug/Kg
118-74-1	Hexachlorobenzene	140	U	27.3	140	180	ug/Kg
1912-24-9	Atrazine	140	U	36.8	140	180	ug/Kg
87-86-5	Pentachlorophenol	290	U	55.5	290	360	ug/Kg
85-01-8	Phenanthrene	73.0	J	22.6	140	180	ug/Kg
120-12-7	Anthracene	140	U	36.0	140	180	ug/Kg
86-74-8	Carbazole	140	U	33.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	95.7	J	51.8	140	180	ug/Kg
206-44-0	Fluoranthene	160	J	32.4	140	180	ug/Kg
129-00-0	Pyrene	150	J	38.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	77.2	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	39.7	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	81.2	J	24.9	140	180	ug/Kg
218-01-9	Chrysene	100	J	21.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	64.0	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	93.8	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	20.5	140	180	ug/Kg

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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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025534.D	1	08/15/25 08:25	08/21/25 10:50	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	140	U	24.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	88.2	J	31.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	31.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	29.6	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	27.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	27.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	140	U	48.9	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	29.6	140	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	53.7		35 - 115		36%	SPK: 150
13127-88-3	Phenol-d6	53.3		34 - 127		36%	SPK: 150
4165-60-0	Nitrobenzene-d5	35.9	*	37 - 122		36%	SPK: 100
321-60-8	2-Fluorobiphenyl	34.1	*	44 - 115		34%	SPK: 100
118-79-6	2,4,6-Tribromophenol	51.2	*	39 - 132		34%	SPK: 150
1718-51-0	Terphenyl-d14	31.4	*	54 - 127		31%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	186000	7.784				
1146-65-2	Naphthalene-d8	731000	10.549				
15067-26-2	Acenaphthene-d10	449000	14.395				
1517-22-2	Phenanthrene-d10	879000	17.201				
1719-03-5	Chrysene-d12	948000	21.648				
1520-96-3	Perylene-d12	1100000	25.012				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	790	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	AB			4.94	ug/Kg
000119-61-9	Benzophenone	290	J			15.8	ug/Kg
000057-11-4	Octadecanoic acid	400	J			15.8	ug/Kg
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	97.3	J			17.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	1400	J			18.1	ug/Kg
001002-84-2	Pentadecanoic acid	540	J			19.5	ug/Kg

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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:	84SB-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-10	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025534.D	1	08/15/25 08:25	08/21/25 10:50	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
1000377-93-5	Phthalic acid, di(2-propylpentyl)	150	J			20.2	ug/Kg
077899-03-7	1-Heneicosyl formate	120	J			21.3	ug/Kg

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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143530.D	1	08/15/25 08:25	08/21/25 15:11	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	290	U	170	290	360	ug/Kg
108-95-2	Phenol	140	U	23.9	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	26.3	140	180	ug/Kg
95-57-8	2-Chlorophenol	140	U	26.4	140	180	ug/Kg
95-48-7	2-Methylphenol	140	U	32.3	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	40.5	140	180	ug/Kg
98-86-2	Acetophenone	140	U	31.9	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	290	U	44.4	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	86.5	U	51.2	86.5	86.5	ug/Kg
67-72-1	Hexachloroethane	140	U	19.0	140	180	ug/Kg
98-95-3	Nitrobenzene	140	U	19.8	140	180	ug/Kg
78-59-1	Isophorone	140	U	35.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	140	U	62.9	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	70.0	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	33.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	30.6	140	180	ug/Kg
91-20-3	Naphthalene	140	U	24.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	140	U	38.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	27.3	140	180	ug/Kg
105-60-2	Caprolactam	290	U	56.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	31.0	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	27.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	130	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	21.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	31.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	140	U	23.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	24.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	140	U	52.0	140	180	ug/Kg
131-11-3	Dimethylphthalate	140	U	29.3	140	180	ug/Kg

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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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143530.D	1	08/15/25 08:25	08/21/25 15:11	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	140	U	31.2	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	36.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	140	U	49.7	140	180	ug/Kg
83-32-9	Acenaphthene	140	U	23.0	140	180	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	250	290	360	ug/Kg
100-02-7	4-Nitrophenol	290	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	140	U	24.5	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	54.2	140	180	ug/Kg
84-66-2	Diethylphthalate	140	U	30.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	28.9	140	180	ug/Kg
86-73-7	Fluorene	140	U	27.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	140	U	69.4	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	290	U	110	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	35.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	30.0	140	180	ug/Kg
118-74-1	Hexachlorobenzene	140	U	27.3	140	180	ug/Kg
1912-24-9	Atrazine	140	U	36.8	140	180	ug/Kg
87-86-5	Pentachlorophenol	290	U	55.5	290	360	ug/Kg
85-01-8	Phenanthrene	140	U	22.6	140	180	ug/Kg
120-12-7	Anthracene	140	U	36.0	140	180	ug/Kg
86-74-8	Carbazole	140	U	33.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	51.8	140	180	ug/Kg
206-44-0	Fluoranthene	160	J	32.4	140	180	ug/Kg
129-00-0	Pyrene	120	J	38.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	77.2	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	39.7	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	J	24.9	140	180	ug/Kg
218-01-9	Chrysene	100	J	21.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	64.0	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	93.8	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	20.5	140	180	ug/Kg

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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:	84SB-SRE	SDG No.:	Q2819
Lab Sample ID:	Q2819-10RE	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.3
Sample Wt/Vol:	30.07 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143530.D	1	08/15/25 08:25	08/21/25 15:11	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	140	U	24.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	90.9	J	31.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	31.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	29.6	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	27.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	27.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	140	U	48.9	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	29.6	140	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.5		35 - 115		37%	SPK: 150
13127-88-3	Phenol-d6	55.3		34 - 127		37%	SPK: 150
4165-60-0	Nitrobenzene-d5	40.9		37 - 122		41%	SPK: 100
321-60-8	2-Fluorobiphenyl	42.6	*	44 - 115		43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	47.5	*	39 - 132		32%	SPK: 150
1718-51-0	Terphenyl-d14	33.0	*	54 - 127		33%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128000	6.928				
1146-65-2	Naphthalene-d8	481000	8.204				
15067-26-2	Acenaphthene-d10	248000	9.963				
1517-22-2	Phenanthrene-d10	333000	11.451				
1719-03-5	Chrysene-d12	240000	14.092				
1520-96-3	Perylene-d12	297000	15.592				

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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143531.D	1	08/15/25 08:25	08/21/25 15:40	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	28.0	150	200	ug/Kg
95-57-8	2-Chlorophenol	150	U	28.1	150	200	ug/Kg
95-48-7	2-Methylphenol	150	U	34.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	43.1	150	200	ug/Kg
98-86-2	Acetophenone	150	U	33.9	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	47.3	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	92.0	U	54.5	92.0	92.0	ug/Kg
67-72-1	Hexachloroethane	150	U	20.2	150	200	ug/Kg
98-95-3	Nitrobenzene	150	U	21.1	150	200	ug/Kg
78-59-1	Isophorone	150	U	37.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	150	U	67.0	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	74.6	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.4	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.6	150	200	ug/Kg
91-20-3	Naphthalene	150	U	26.1	150	200	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	29.1	150	200	ug/Kg
105-60-2	Caprolactam	310	U	59.9	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	33.0	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.5	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	U	25.1	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	25.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	150	U	55.3	150	200	ug/Kg
131-11-3	Dimethylphthalate	150	U	31.2	150	200	ug/Kg

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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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143531.D	1	08/15/25 08:25	08/21/25 15:40	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	33.3	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.7	150	200	ug/Kg
99-09-2	3-Nitroaniline	150	U	52.9	150	200	ug/Kg
83-32-9	Acenaphthene	150	U	24.5	150	200	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	26.1	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	57.6	150	200	ug/Kg
84-66-2	Diethylphthalate	150	U	32.6	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.7	150	200	ug/Kg
86-73-7	Fluorene	150	U	29.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	150	U	73.9	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	37.9	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	32.0	150	200	ug/Kg
118-74-1	Hexachlorobenzene	150	U	29.1	150	200	ug/Kg
1912-24-9	Atrazine	150	U	39.1	150	200	ug/Kg
87-86-5	Pentachlorophenol	310	U	59.0	310	380	ug/Kg
85-01-8	Phenanthrene	150	J	24.0	150	200	ug/Kg
120-12-7	Anthracene	150	U	38.3	150	200	ug/Kg
86-74-8	Carbazole	150	U	35.9	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	55.1	150	200	ug/Kg
206-44-0	Fluoranthene	200		34.5	150	200	ug/Kg
129-00-0	Pyrene	130	J	41.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	82.1	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	42.2	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	90.8	J	26.5	150	200	ug/Kg
218-01-9	Chrysene	85.6	J	22.9	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	68.1	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	99.9	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	92.6	J	21.9	150	200	ug/Kg

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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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143531.D	1	08/15/25 08:25	08/21/25 15:40	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	33.9	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.5	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.6	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.5	150	200	ug/Kg
123-91-1	1,4-Dioxane	150	U	52.0	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.5	150	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.0		35 - 115		46%	SPK: 150
13127-88-3	Phenol-d6	70.0		34 - 127		47%	SPK: 150
4165-60-0	Nitrobenzene-d5	50.9		37 - 122		51%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.2		44 - 115		51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	62.6		39 - 132		42%	SPK: 150
1718-51-0	Terphenyl-d14	37.3	*	54 - 127		37%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122000	6.922				
1146-65-2	Naphthalene-d8	463000	8.204				
15067-26-2	Acenaphthene-d10	234000	9.963				
1517-22-2	Phenanthrene-d10	318000	11.451				
1719-03-5	Chrysene-d12	230000	14.092				
1520-96-3	Perylene-d12	283000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB			5.16	ug/Kg
000119-61-9	Benzophenone	230	J			10.7	ug/Kg

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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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143531.D	1	08/15/25 08:25	08/21/25 15:40	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025536.D	1	08/15/25 08:25	08/21/25 12:12	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	290	U	170	290	350	ug/Kg
108-95-2	Phenol	140	U	23.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	26.0	140	180	ug/Kg
95-57-8	2-Chlorophenol	140	U	26.1	140	180	ug/Kg
95-48-7	2-Methylphenol	140	U	32.0	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	40.1	140	180	ug/Kg
98-86-2	Acetophenone	140	U	31.6	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	290	U	44.0	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	85.6	U	50.7	85.6	85.6	ug/Kg
67-72-1	Hexachloroethane	140	U	18.8	140	180	ug/Kg
98-95-3	Nitrobenzene	140	U	19.6	140	180	ug/Kg
78-59-1	Isophorone	140	U	35.1	140	180	ug/Kg
88-75-5	2-Nitrophenol	140	U	62.3	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	69.4	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	33.0	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	140	U	30.3	140	180	ug/Kg
91-20-3	Naphthalene	140	U	24.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	140	U	37.9	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	27.1	140	180	ug/Kg
105-60-2	Caprolactam	290	U	55.8	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	30.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	27.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	120	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	21.2	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	31.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	140	U	23.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	24.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	140	U	51.5	140	180	ug/Kg
131-11-3	Dimethylphthalate	140	U	29.0	140	180	ug/Kg

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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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025536.D	1	08/15/25 08:25	08/21/25 12:12	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	140	U	30.9	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	36.0	140	180	ug/Kg
99-09-2	3-Nitroaniline	140	U	49.2	140	180	ug/Kg
83-32-9	Acenaphthene	140	U	22.8	140	180	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	250	290	350	ug/Kg
100-02-7	4-Nitrophenol	290	U	110	290	350	ug/Kg
132-64-9	Dibenzofuran	140	U	24.3	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	53.6	140	180	ug/Kg
84-66-2	Diethylphthalate	140	U	30.3	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	28.6	140	180	ug/Kg
86-73-7	Fluorene	140	U	27.1	140	180	ug/Kg
100-01-6	4-Nitroaniline	140	U	68.7	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	290	U	110	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	35.2	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	29.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	140	U	27.1	140	180	ug/Kg
1912-24-9	Atrazine	140	U	36.4	140	180	ug/Kg
87-86-5	Pentachlorophenol	290	U	54.9	290	350	ug/Kg
85-01-8	Phenanthrene	72.1	J	22.4	140	180	ug/Kg
120-12-7	Anthracene	140	U	35.6	140	180	ug/Kg
86-74-8	Carbazole	140	U	33.4	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	51.3	140	180	ug/Kg
206-44-0	Fluoranthene	130	J	32.1	140	180	ug/Kg
129-00-0	Pyrene	110	J	38.5	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	76.4	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	39.3	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	140	U	24.6	140	180	ug/Kg
218-01-9	Chrysene	140	U	21.3	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	63.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	92.9	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	78.5	J	20.3	140	180	ug/Kg

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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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025536.D	1	08/15/25 08:25	08/21/25 12:12	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	140	U	24.0	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	140	U	31.6	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	31.1	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	29.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	27.5	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	27.4	140	180	ug/Kg
123-91-1	1,4-Dioxane	140	U	48.4	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	29.3	140	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.5		35 - 115		54%	SPK: 150
13127-88-3	Phenol-d6	82.0		34 - 127		55%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.3		37 - 122		52%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.8		44 - 115		51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	82.6		39 - 132		55%	SPK: 150
1718-51-0	Terphenyl-d14	51.8	*	54 - 127		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	221000	7.784				
1146-65-2	Naphthalene-d8	884000	10.549				
15067-26-2	Acenaphthene-d10	566000	14.401				
1517-22-2	Phenanthrene-d10	1130000	17.201				
1719-03-5	Chrysene-d12	1110000	21.648				
1520-96-3	Perylene-d12	1230000	25.018				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	730	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB			4.94	ug/Kg
000119-61-9	Benzophenone	300	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	310	J			18.1	ug/Kg
056641-38-4	1,6-Methano-1H-indene, 2,3,3a,4,5,	870	J			18.5	ug/Kg
001024-57-3	Heptachlor epoxide	73.5	J			19.2	ug/Kg
020020-02-4	Naphthalene, 1,2,3,4-tetrachloro-	77.8	J			19.3	ug/Kg

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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:	17M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-12	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	93.4
Sample Wt/Vol:	30.01 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025536.D	1	08/15/25 08:25	08/21/25 12:12	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000057-11-4	Octadecanoic acid	130	J			19.5	ug/Kg
005103-74-2	trans-Chlordane	280	J			19.6	ug/Kg
1010374-81-1	4-Methoxy-5-bromo-dimethylaminob	74.9	J			20.7	ug/Kg
015594-90-8	1-Heneicosanol	350	J			21.3	ug/Kg
018835-33-1	1-Hexacosene	290	J			22.6	ug/Kg
077899-10-6	(Z)-14-Tricosenyl formate	140	J			23.7	ug/Kg
000557-61-9	Octacosanol	300	J			24.2	ug/Kg

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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143537.D	1	08/15/25 08:25	08/21/25 18:34	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	320	U	190	320	390	ug/Kg
108-95-2	Phenol	160	U	26.4	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	29.0	160	200	ug/Kg
95-57-8	2-Chlorophenol	160	U	29.1	160	200	ug/Kg
95-48-7	2-Methylphenol	160	U	35.7	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	44.7	160	200	ug/Kg
98-86-2	Acetophenone	160	U	35.2	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	320	U	49.0	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	95.4	U	56.5	95.4	95.4	ug/Kg
67-72-1	Hexachloroethane	160	U	21.0	160	200	ug/Kg
98-95-3	Nitrobenzene	160	U	21.8	160	200	ug/Kg
78-59-1	Isophorone	160	U	39.1	160	200	ug/Kg
88-75-5	2-Nitrophenol	160	U	69.4	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	77.3	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	36.7	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	33.8	160	200	ug/Kg
91-20-3	Naphthalene	160	U	27.1	160	200	ug/Kg
106-47-8	4-Chloroaniline	160	U	42.2	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	30.2	160	200	ug/Kg
105-60-2	Caprolactam	320	U	62.1	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	34.2	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	30.5	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	U	140	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	23.6	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	34.7	160	200	ug/Kg
92-52-4	1,1-Biphenyl	160	U	26.0	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	26.8	160	200	ug/Kg
88-74-4	2-Nitroaniline	160	U	57.4	160	200	ug/Kg
131-11-3	Dimethylphthalate	160	U	32.3	160	200	ug/Kg

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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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143537.D	1	08/15/25 08:25	08/21/25 18:34	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	34.5	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	40.1	160	200	ug/Kg
99-09-2	3-Nitroaniline	160	U	54.9	160	200	ug/Kg
83-32-9	Acenaphthene	160	U	25.4	160	200	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	270	320	390	ug/Kg
100-02-7	4-Nitrophenol	320	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	160	U	27.1	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	59.8	160	200	ug/Kg
84-66-2	Diethylphthalate	160	U	33.8	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	31.8	160	200	ug/Kg
86-73-7	Fluorene	160	U	30.2	160	200	ug/Kg
100-01-6	4-Nitroaniline	160	U	76.6	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	320	U	120	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	39.2	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	33.2	160	200	ug/Kg
118-74-1	Hexachlorobenzene	160	U	30.2	160	200	ug/Kg
1912-24-9	Atrazine	160	U	40.6	160	200	ug/Kg
87-86-5	Pentachlorophenol	320	U	61.2	320	390	ug/Kg
85-01-8	Phenanthrene	160	U	24.9	160	200	ug/Kg
120-12-7	Anthracene	160	U	39.7	160	200	ug/Kg
86-74-8	Carbazole	160	U	37.2	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	57.1	160	200	ug/Kg
206-44-0	Fluoranthene	160	U	35.8	160	200	ug/Kg
129-00-0	Pyrene	160	U	42.9	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	85.2	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	43.8	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	27.4	160	200	ug/Kg
218-01-9	Chrysene	160	U	23.7	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	70.6	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	320	U	100	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	22.7	160	200	ug/Kg

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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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143537.D	1	08/15/25 08:25	08/21/25 18:34	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	160	U	26.7	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	35.2	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	34.7	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	32.7	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	30.7	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	30.5	160	200	ug/Kg
123-91-1	1,4-Dioxane	160	U	53.9	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	32.7	160	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.2		35 - 115		52%	SPK: 150
13127-88-3	Phenol-d6	80.0		34 - 127		53%	SPK: 150
4165-60-0	Nitrobenzene-d5	58.1		37 - 122		58%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.8		44 - 115		58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	72.9		39 - 132		49%	SPK: 150
1718-51-0	Terphenyl-d14	40.4	*	54 - 127		40%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110000	6.928				
1146-65-2	Naphthalene-d8	414000	8.204				
15067-26-2	Acenaphthene-d10	209000	9.963				
1517-22-2	Phenanthrene-d10	282000	11.451				
1719-03-5	Chrysene-d12	212000	14.092				
1520-96-3	Perylene-d12	252000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB			5.16	ug/Kg
000119-61-9	Benzophenone	280	J			10.7	ug/Kg

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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:	17M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-13	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.7
Sample Wt/Vol:	30.05 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143537.D	1	08/15/25 08:25	08/21/25 18:34	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143505.D	1	08/15/25 08:25	08/21/25 01:27	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	28.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	150	U	28.4	150	200	ug/Kg
95-48-7	2-Methylphenol	150	U	34.8	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	43.7	150	200	ug/Kg
98-86-2	Acetophenone	150	U	34.4	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	47.9	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	93.2	U	55.2	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	150	U	20.5	150	200	ug/Kg
98-95-3	Nitrobenzene	150	U	21.3	150	200	ug/Kg
78-59-1	Isophorone	150	U	38.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	150	U	67.8	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	75.5	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.9	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	33.0	150	200	ug/Kg
91-20-3	Naphthalene	150	U	26.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	150	U	41.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	29.5	150	200	ug/Kg
105-60-2	Caprolactam	310	U	60.7	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	33.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.8	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	140	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	23.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	U	25.4	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	26.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	150	U	56.0	150	200	ug/Kg
131-11-3	Dimethylphthalate	150	U	31.6	150	200	ug/Kg

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143505.D	1	08/15/25 08:25	08/21/25 01:27	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	33.7	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	39.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	150	U	53.6	150	200	ug/Kg
83-32-9	Acenaphthene	150	U	24.8	150	200	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	270	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	26.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	58.4	150	200	ug/Kg
84-66-2	Diethylphthalate	150	U	33.0	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	31.1	150	200	ug/Kg
86-73-7	Fluorene	150	U	29.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	150	U	74.8	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	38.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	32.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	150	U	29.5	150	200	ug/Kg
1912-24-9	Atrazine	150	U	39.6	150	200	ug/Kg
87-86-5	Pentachlorophenol	310	U	59.8	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	24.4	150	200	ug/Kg
120-12-7	Anthracene	150	U	38.8	150	200	ug/Kg
86-74-8	Carbazole	150	U	36.4	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	55.8	150	200	ug/Kg
206-44-0	Fluoranthene	150	U	35.0	150	200	ug/Kg
129-00-0	Pyrene	150	U	41.9	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	83.2	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	42.8	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.8	150	200	ug/Kg
218-01-9	Chrysene	150	U	23.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	69.0	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	100	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	22.1	150	200	ug/Kg

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143505.D	1	08/15/25 08:25	08/21/25 01:27	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	26.1	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	34.4	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.9	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.8	150	200	ug/Kg
123-91-1	1,4-Dioxane	150	U	52.7	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.9	150	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.1		35 - 115		51%	SPK: 150
13127-88-3	Phenol-d6	79.5		34 - 127		53%	SPK: 150
4165-60-0	Nitrobenzene-d5	56.4		37 - 122		56%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.4		44 - 115		54%	SPK: 100
118-79-6	2,4,6-Tribromophenol	79.8		39 - 132		53%	SPK: 150
1718-51-0	Terphenyl-d14	50.9	*	54 - 127		51%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142000	6.928				
1146-65-2	Naphthalene-d8	527000	8.204				
15067-26-2	Acenaphthene-d10	286000	9.963				
1517-22-2	Phenanthrene-d10	446000	11.451				
1719-03-5	Chrysene-d12	240000	14.092				
1520-96-3	Perylene-d12	276000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	930	J			2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	AB			5.16	ug/Kg
000119-61-9	Benzophenone	300	J			10.7	ug/Kg

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	85.6
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143505.D	1	08/15/25 08:25	08/21/25 01:27	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.3
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143506.D	1	08/15/25 08:25	08/21/25 01:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	320	U	190	320	400	ug/Kg
108-95-2	Phenol	160	U	26.5	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	160	U	29.1	160	200	ug/Kg
95-57-8	2-Chlorophenol	160	U	29.2	160	200	ug/Kg
95-48-7	2-Methylphenol	160	U	35.8	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	44.9	160	200	ug/Kg
98-86-2	Acetophenone	160	U	35.3	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	320	U	49.2	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	95.8	U	56.8	95.8	95.8	ug/Kg
67-72-1	Hexachloroethane	160	U	21.1	160	200	ug/Kg
98-95-3	Nitrobenzene	160	U	21.9	160	200	ug/Kg
78-59-1	Isophorone	160	U	39.3	160	200	ug/Kg
88-75-5	2-Nitrophenol	160	U	69.7	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	77.6	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	160	U	36.9	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	33.9	160	200	ug/Kg
91-20-3	Naphthalene	160	U	27.2	160	200	ug/Kg
106-47-8	4-Chloroaniline	160	U	42.4	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	30.3	160	200	ug/Kg
105-60-2	Caprolactam	320	U	62.4	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	34.4	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	160	U	30.7	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	U	140	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	23.7	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	34.9	160	200	ug/Kg
92-52-4	1,1-Biphenyl	160	U	26.1	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	160	U	27.0	160	200	ug/Kg
88-74-4	2-Nitroaniline	160	U	57.6	160	200	ug/Kg
131-11-3	Dimethylphthalate	160	U	32.5	160	200	ug/Kg

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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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.3
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143506.D	1	08/15/25 08:25	08/21/25 01:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	160	U	34.6	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	40.3	160	200	ug/Kg
99-09-2	3-Nitroaniline	160	U	55.1	160	200	ug/Kg
83-32-9	Acenaphthene	160	U	25.5	160	200	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	270	320	400	ug/Kg
100-02-7	4-Nitrophenol	320	U	130	320	400	ug/Kg
132-64-9	Dibenzofuran	160	U	27.2	160	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	60.0	160	200	ug/Kg
84-66-2	Diethylphthalate	160	U	33.9	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	U	32.0	160	200	ug/Kg
86-73-7	Fluorene	160	U	30.3	160	200	ug/Kg
100-01-6	4-Nitroaniline	160	U	76.9	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	320	U	120	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	160	U	39.4	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	33.3	160	200	ug/Kg
118-74-1	Hexachlorobenzene	160	U	30.3	160	200	ug/Kg
1912-24-9	Atrazine	160	U	40.7	160	200	ug/Kg
87-86-5	Pentachlorophenol	320	U	61.5	320	400	ug/Kg
85-01-8	Phenanthrene	160	U	25.0	160	200	ug/Kg
120-12-7	Anthracene	160	U	39.9	160	200	ug/Kg
86-74-8	Carbazole	160	U	37.4	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	57.4	160	200	ug/Kg
206-44-0	Fluoranthene	160	U	35.9	160	200	ug/Kg
129-00-0	Pyrene	160	U	43.1	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	85.5	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	44.0	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	160	U	27.6	160	200	ug/Kg
218-01-9	Chrysene	160	U	23.8	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	70.9	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	320	U	100	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	22.8	160	200	ug/Kg

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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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.3
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143506.D	1	08/15/25 08:25	08/21/25 01:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	160	U	26.8	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	35.3	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	34.9	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	32.8	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	30.8	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U	30.7	160	200	ug/Kg
123-91-1	1,4-Dioxane	160	U	54.2	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	32.8	160	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.2		35 - 115		51%	SPK: 150
13127-88-3	Phenol-d6	80.3		34 - 127		54%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.1		37 - 122		57%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.1		44 - 115		51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	76.3		39 - 132		51%	SPK: 150
1718-51-0	Terphenyl-d14	47.3	*	54 - 127		47%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140000	6.928				
1146-65-2	Naphthalene-d8	529000	8.204				
15067-26-2	Acenaphthene-d10	291000	9.963				
1517-22-2	Phenanthrene-d10	438000	11.451				
1719-03-5	Chrysene-d12	244000	14.098				
1520-96-3	Perylene-d12	299000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.27	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB			5.16	ug/Kg
000119-61-9	Benzophenone	300	J			10.7	ug/Kg

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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:	17M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-15	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	83.3
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143506.D	1	08/15/25 08:25	08/21/25 01:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025540.D	2	08/15/25 08:25	08/21/25 14:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	580	U	340	580	710	ug/Kg
108-95-2	Phenol	280	U	47.8	280	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	52.6	280	370	ug/Kg
95-57-8	2-Chlorophenol	280	U	52.8	280	370	ug/Kg
95-48-7	2-Methylphenol	280	U	64.7	280	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	U	81.1	280	370	ug/Kg
98-86-2	Acetophenone	280	U	63.8	280	370	ug/Kg
65794-96-9	3+4-Methylphenols	580	U	88.9	580	710	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170	U	100	170	170	ug/Kg
67-72-1	Hexachloroethane	280	U	38.1	280	370	ug/Kg
98-95-3	Nitrobenzene	280	U	39.6	280	370	ug/Kg
78-59-1	Isophorone	280	U	70.9	280	370	ug/Kg
88-75-5	2-Nitrophenol	280	U	130	280	370	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	140	280	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	66.6	280	370	ug/Kg
120-83-2	2,4-Dichlorophenol	280	U	61.2	280	370	ug/Kg
91-20-3	Naphthalene	280	U	49.1	280	370	ug/Kg
106-47-8	4-Chloroaniline	280	U	76.6	280	370	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	54.7	280	370	ug/Kg
105-60-2	Caprolactam	580	U	110	580	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	280	U	62.1	280	370	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	55.4	280	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	580	U	250	580	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	280	U	42.8	280	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	62.9	280	370	ug/Kg
92-52-4	1,1-Biphenyl	280	U	47.2	280	370	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	48.7	280	370	ug/Kg
88-74-4	2-Nitroaniline	280	U	100	280	370	ug/Kg
131-11-3	Dimethylphthalate	280	U	58.6	280	370	ug/Kg

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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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025540.D	2	08/15/25 08:25	08/21/25 14:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	280	U	62.5	280	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	72.7	280	370	ug/Kg
99-09-2	3-Nitroaniline	280	U	99.5	280	370	ug/Kg
83-32-9	Acenaphthene	280	U	46.1	280	370	ug/Kg
51-28-5	2,4-Dinitrophenol	580	U	500	580	710	ug/Kg
100-02-7	4-Nitrophenol	580	U	230	580	710	ug/Kg
132-64-9	Dibenzofuran	280	U	49.1	280	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	110	280	370	ug/Kg
84-66-2	Diethylphthalate	280	U	61.2	280	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	57.8	280	370	ug/Kg
86-73-7	Fluorene	280	U	54.7	280	370	ug/Kg
100-01-6	4-Nitroaniline	280	U	140	280	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	220	580	710	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	71.2	280	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	60.1	280	370	ug/Kg
118-74-1	Hexachlorobenzene	280	U	54.7	280	370	ug/Kg
1912-24-9	Atrazine	280	U	73.5	280	370	ug/Kg
87-86-5	Pentachlorophenol	580	U	110	580	710	ug/Kg
85-01-8	Phenanthrene	280	U	45.2	280	370	ug/Kg
120-12-7	Anthracene	280	U	72.0	280	370	ug/Kg
86-74-8	Carbazole	280	U	67.5	280	370	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	100	280	370	ug/Kg
206-44-0	Fluoranthene	280	U	64.9	280	370	ug/Kg
129-00-0	Pyrene	280	U	77.9	280	370	ug/Kg
85-68-7	Butylbenzylphthalate	280	U	150	280	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580	U	79.4	580	710	ug/Kg
56-55-3	Benzo(a)anthracene	280	U	49.8	280	370	ug/Kg
218-01-9	Chrysene	280	U	43.0	280	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	130	280	370	ug/Kg
117-84-0	Di-n-octyl phthalate	580	U	190	580	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	U	41.1	280	370	ug/Kg

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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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025540.D	2	08/15/25 08:25	08/21/25 14:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	280	U	48.5	280	370	ug/Kg
50-32-8	Benzo(a)pyrene	280	U	63.8	280	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280	U	62.9	280	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	59.3	280	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280	U	55.6	280	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	55.4	280	370	ug/Kg
123-91-1	1,4-Dioxane	280	U	97.8	280	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	280	U	59.3	280	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.9		35 - 115		61%	SPK: 150
13127-88-3	Phenol-d6	91.8		34 - 127		61%	SPK: 150
4165-60-0	Nitrobenzene-d5	59.4		37 - 122		59%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.1		44 - 115		60%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.3		39 - 132		58%	SPK: 150
1718-51-0	Terphenyl-d14	56.6		54 - 127		57%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225000	7.784				
1146-65-2	Naphthalene-d8	871000	10.554				
15067-26-2	Acenaphthene-d10	495000	14.413				
1517-22-2	Phenanthrene-d10	919000	17.207				
1719-03-5	Chrysene-d12	943000	21.653				
1520-96-3	Perylene-d12	1080000	25.03				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	680	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB			4.94	ug/Kg
000143-24-8	Tetraglyme	210	J			14.5	ug/Kg
000119-61-9	Benzophenone	330	J			15.8	ug/Kg
1000366-88-2	Methyl 2-(2-(2-methoxyethoxy)ethox	560	J			16.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	470	J			18.1	ug/Kg
016142-03-3	2-(2-(2-(2-(2-(2-Methoxyethoxy)eth	450	J			18.9	ug/Kg

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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:	38M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-16	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.4
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025540.D	2	08/15/25 08:25	08/21/25 14:56	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000057-11-4	Octadecanoic acid	260	J			19.5	ug/Kg
1000151-22-6	Cyclodocosane, ethyl-	250	J			21.3	ug/Kg
005393-19-1	Phthalic acid, monooctyl ester	160	J			21.6	ug/Kg

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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025519.D	1	08/15/25 08:25	08/20/25 23:13	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	27.7	150	190	ug/Kg
95-57-8	2-Chlorophenol	150	U	27.8	150	190	ug/Kg
95-48-7	2-Methylphenol	150	U	34.1	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	42.7	150	190	ug/Kg
98-86-2	Acetophenone	150	U	33.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	46.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	91.2	U	54.0	91.2	91.2	ug/Kg
67-72-1	Hexachloroethane	150	U	20.1	150	190	ug/Kg
98-95-3	Nitrobenzene	150	U	20.9	150	190	ug/Kg
78-59-1	Isophorone	150	U	37.4	150	190	ug/Kg
88-75-5	2-Nitrophenol	150	U	66.3	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	73.8	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.2	150	190	ug/Kg
91-20-3	Naphthalene	150	U	25.9	150	190	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.3	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	28.8	150	190	ug/Kg
105-60-2	Caprolactam	310	U	59.4	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	32.7	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.2	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.6	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	150	U	24.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	25.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	150	U	54.8	150	190	ug/Kg
131-11-3	Dimethylphthalate	150	U	30.9	150	190	ug/Kg

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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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025519.D	1	08/15/25 08:25	08/20/25 23:13	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	32.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.3	150	190	ug/Kg
99-09-2	3-Nitroaniline	150	U	52.4	150	190	ug/Kg
83-32-9	Acenaphthene	150	U	24.3	150	190	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	25.9	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	57.1	150	190	ug/Kg
84-66-2	Diethylphthalate	150	U	32.2	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.4	150	190	ug/Kg
86-73-7	Fluorene	150	U	28.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	150	U	73.2	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	37.5	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	31.7	150	190	ug/Kg
118-74-1	Hexachlorobenzene	150	U	28.8	150	190	ug/Kg
1912-24-9	Atrazine	150	U	38.7	150	190	ug/Kg
87-86-5	Pentachlorophenol	310	U	58.5	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	23.8	150	190	ug/Kg
120-12-7	Anthracene	150	U	37.9	150	190	ug/Kg
86-74-8	Carbazole	150	U	35.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	54.6	150	190	ug/Kg
206-44-0	Fluoranthene	150	U	34.2	150	190	ug/Kg
129-00-0	Pyrene	150	U	41.0	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	81.4	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	41.8	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.2	150	190	ug/Kg
218-01-9	Chrysene	150	U	22.7	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	67.5	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	98.9	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	21.6	150	190	ug/Kg

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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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025519.D	1	08/15/25 08:25	08/20/25 23:13	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	33.6	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.2	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.3	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	150	U	51.5	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.2	150	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		35 - 115		73%	SPK: 150
13127-88-3	Phenol-d6	108		34 - 127		72%	SPK: 150
4165-60-0	Nitrobenzene-d5	71.1		37 - 122		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	60.9		44 - 115		61%	SPK: 100
118-79-6	2,4,6-Tribromophenol	103		39 - 132		69%	SPK: 150
1718-51-0	Terphenyl-d14	62.6		54 - 127		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198000	7.784				
1146-65-2	Naphthalene-d8	775000	10.555				
15067-26-2	Acenaphthene-d10	494000	14.401				
1517-22-2	Phenanthrene-d10	941000	17.201				
1719-03-5	Chrysene-d12	881000	21.636				
1520-96-3	Perylene-d12	996000	25.001				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			3.04	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB			4.95	ug/Kg
000119-61-9	Benzophenone	320	J			15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	160	J			18.1	ug/Kg
018835-33-1	1-Hexacosene	190	J			21.3	ug/Kg

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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:	38M-N	SDG No.:	Q2819
Lab Sample ID:	Q2819-17	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	30.09 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025519.D	1	08/15/25 08:25	08/20/25 23:13	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143507.D	1	08/15/25 08:25	08/21/25 02:25	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	28.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	150	U	28.2	150	200	ug/Kg
95-48-7	2-Methylphenol	150	U	34.6	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	43.3	150	200	ug/Kg
98-86-2	Acetophenone	150	U	34.1	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	47.5	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	92.5	U	54.8	92.5	92.5	ug/Kg
67-72-1	Hexachloroethane	150	U	20.3	150	200	ug/Kg
98-95-3	Nitrobenzene	150	U	21.1	150	200	ug/Kg
78-59-1	Isophorone	150	U	37.9	150	200	ug/Kg
88-75-5	2-Nitrophenol	150	U	67.3	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	74.9	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.6	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.7	150	200	ug/Kg
91-20-3	Naphthalene	150	U	26.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.9	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	29.2	150	200	ug/Kg
105-60-2	Caprolactam	310	U	60.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	33.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.9	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	150	U	25.2	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	26.0	150	200	ug/Kg
88-74-4	2-Nitroaniline	150	U	55.6	150	200	ug/Kg
131-11-3	Dimethylphthalate	150	U	31.3	150	200	ug/Kg

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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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143507.D	1	08/15/25 08:25	08/21/25 02:25	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	33.4	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	150	U	53.2	150	200	ug/Kg
83-32-9	Acenaphthene	150	U	24.6	150	200	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	26.2	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	57.9	150	200	ug/Kg
84-66-2	Diethylphthalate	150	U	32.7	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.9	150	200	ug/Kg
86-73-7	Fluorene	150	U	29.2	150	200	ug/Kg
100-01-6	4-Nitroaniline	150	U	74.2	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	38.0	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	32.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	150	U	29.2	150	200	ug/Kg
1912-24-9	Atrazine	150	U	39.3	150	200	ug/Kg
87-86-5	Pentachlorophenol	310	U	59.3	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	24.2	150	200	ug/Kg
120-12-7	Anthracene	150	U	38.5	150	200	ug/Kg
86-74-8	Carbazole	150	U	36.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	55.4	150	200	ug/Kg
206-44-0	Fluoranthene	150	U	34.7	150	200	ug/Kg
129-00-0	Pyrene	150	U	41.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	82.5	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	42.4	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.6	150	200	ug/Kg
218-01-9	Chrysene	150	U	23.0	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	68.4	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	100	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	22.0	150	200	ug/Kg

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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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143507.D	1	08/15/25 08:25	08/21/25 02:25	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.9	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	34.1	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.7	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.6	150	200	ug/Kg
123-91-1	1,4-Dioxane	150	U	52.2	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.7	150	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.5		35 - 115		60%	SPK: 150
13127-88-3	Phenol-d6	90.6		34 - 127		60%	SPK: 150
4165-60-0	Nitrobenzene-d5	64.4		37 - 122		64%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.8		44 - 115		65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.8		39 - 132		59%	SPK: 150
1718-51-0	Terphenyl-d14	65.7		54 - 127		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.928				
1146-65-2	Naphthalene-d8	502000	8.204				
15067-26-2	Acenaphthene-d10	274000	9.963				
1517-22-2	Phenanthrene-d10	412000	11.451				
1719-03-5	Chrysene-d12	227000	14.092				
1520-96-3	Perylene-d12	277000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	AB			5.16	ug/Kg
000119-61-9	Benzophenone	280	J			10.7	ug/Kg

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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:	38M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-18	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	86.3
Sample Wt/Vol:	30.08 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143507.D	1	08/15/25 08:25	08/21/25 02:25	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143508.D	1	08/15/25 08:25	08/21/25 02:54	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	310	U	180	310	380	ug/Kg
108-95-2	Phenol	150	U	25.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	150	U	27.6	150	190	ug/Kg
95-57-8	2-Chlorophenol	150	U	27.7	150	190	ug/Kg
95-48-7	2-Methylphenol	150	U	34.0	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	42.6	150	190	ug/Kg
98-86-2	Acetophenone	150	U	33.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	310	U	46.7	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	90.9	U	53.9	90.9	90.9	ug/Kg
67-72-1	Hexachloroethane	150	U	20.0	150	190	ug/Kg
98-95-3	Nitrobenzene	150	U	20.8	150	190	ug/Kg
78-59-1	Isophorone	150	U	37.3	150	190	ug/Kg
88-75-5	2-Nitrophenol	150	U	66.2	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	73.7	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	35.0	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	32.2	150	190	ug/Kg
91-20-3	Naphthalene	150	U	25.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	150	U	40.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	28.8	150	190	ug/Kg
105-60-2	Caprolactam	310	U	59.2	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	32.6	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	150	U	29.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	130	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	22.5	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	33.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	150	U	24.8	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	150	U	25.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	150	U	54.7	150	190	ug/Kg
131-11-3	Dimethylphthalate	150	U	30.8	150	190	ug/Kg

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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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143508.D	1	08/15/25 08:25	08/21/25 02:54	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	150	U	32.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	38.2	150	190	ug/Kg
99-09-2	3-Nitroaniline	150	U	52.3	150	190	ug/Kg
83-32-9	Acenaphthene	150	U	24.2	150	190	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	260	310	380	ug/Kg
100-02-7	4-Nitrophenol	310	U	120	310	380	ug/Kg
132-64-9	Dibenzofuran	150	U	25.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	56.9	150	190	ug/Kg
84-66-2	Diethylphthalate	150	U	32.2	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	30.3	150	190	ug/Kg
86-73-7	Fluorene	150	U	28.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	150	U	73.0	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	310	U	120	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	150	U	37.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	U	31.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	150	U	28.8	150	190	ug/Kg
1912-24-9	Atrazine	150	U	38.6	150	190	ug/Kg
87-86-5	Pentachlorophenol	310	U	58.3	310	380	ug/Kg
85-01-8	Phenanthrene	150	U	23.8	150	190	ug/Kg
120-12-7	Anthracene	150	U	37.9	150	190	ug/Kg
86-74-8	Carbazole	150	U	35.5	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	150	U	54.4	150	190	ug/Kg
206-44-0	Fluoranthene	150	U	34.1	150	190	ug/Kg
129-00-0	Pyrene	150	U	40.9	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	81.2	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	41.7	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	26.1	150	190	ug/Kg
218-01-9	Chrysene	150	U	22.6	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	67.3	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	98.7	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	U	21.6	150	190	ug/Kg

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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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143508.D	1	08/15/25 08:25	08/21/25 02:54	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	150	U	25.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	33.5	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	33.1	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	U	31.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	U	29.2	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	29.1	150	190	ug/Kg
123-91-1	1,4-Dioxane	150	U	51.4	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	31.1	150	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.5		35 - 115		53%	SPK: 150
13127-88-3	Phenol-d6	85.1		34 - 127		57%	SPK: 150
4165-60-0	Nitrobenzene-d5	57.0		37 - 122		57%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.6		44 - 115		58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	87.2		39 - 132		58%	SPK: 150
1718-51-0	Terphenyl-d14	60.2		54 - 127		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134000	6.928				
1146-65-2	Naphthalene-d8	514000	8.204				
15067-26-2	Acenaphthene-d10	272000	9.963				
1517-22-2	Phenanthrene-d10	412000	11.451				
1719-03-5	Chrysene-d12	230000	14.092				
1520-96-3	Perylene-d12	280000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	990	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	AB			5.16	ug/Kg
000119-61-9	Benzophenone	240	J			10.7	ug/Kg

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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:	38M-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-19	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.8
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143508.D	1	08/15/25 08:25	08/21/25 02:54	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	77.2
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143504.D	1	08/15/25 08:25	08/21/25 00:58	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	350	U	200	350	430	ug/Kg
108-95-2	Phenol	170	U	28.6	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	31.5	170	220	ug/Kg
95-57-8	2-Chlorophenol	170	U	31.6	170	220	ug/Kg
95-48-7	2-Methylphenol	170	U	38.7	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	48.5	170	220	ug/Kg
98-86-2	Acetophenone	170	U	38.2	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	350	U	53.2	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	100	U	61.4	100	100	ug/Kg
67-72-1	Hexachloroethane	170	U	22.8	170	220	ug/Kg
98-95-3	Nitrobenzene	170	U	23.7	170	220	ug/Kg
78-59-1	Isophorone	170	U	42.5	170	220	ug/Kg
88-75-5	2-Nitrophenol	170	U	75.3	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	83.9	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	170	U	39.9	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	36.6	170	220	ug/Kg
91-20-3	Naphthalene	170	U	29.4	170	220	ug/Kg
106-47-8	4-Chloroaniline	170	U	45.8	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	32.8	170	220	ug/Kg
105-60-2	Caprolactam	350	U	67.4	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	37.2	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	33.1	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350	U	150	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	25.6	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	37.7	170	220	ug/Kg
92-52-4	1,1-Biphenyl	170	U	28.2	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	29.1	170	220	ug/Kg
88-74-4	2-Nitroaniline	170	U	62.3	170	220	ug/Kg
131-11-3	Dimethylphthalate	170	U	35.1	170	220	ug/Kg

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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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	77.2
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143504.D	1	08/15/25 08:25	08/21/25 00:58	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	170	U	37.4	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	43.5	170	220	ug/Kg
99-09-2	3-Nitroaniline	170	U	59.5	170	220	ug/Kg
83-32-9	Acenaphthene	170	U	27.6	170	220	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	300	350	430	ug/Kg
100-02-7	4-Nitrophenol	350	U	140	350	430	ug/Kg
132-64-9	Dibenzofuran	170	U	29.4	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	64.9	170	220	ug/Kg
84-66-2	Diethylphthalate	170	U	36.6	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170	U	34.6	170	220	ug/Kg
86-73-7	Fluorene	170	U	32.8	170	220	ug/Kg
100-01-6	4-Nitroaniline	170	U	83.1	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	130	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	42.6	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	36.0	170	220	ug/Kg
118-74-1	Hexachlorobenzene	170	U	32.8	170	220	ug/Kg
1912-24-9	Atrazine	170	U	44.0	170	220	ug/Kg
87-86-5	Pentachlorophenol	350	U	66.4	350	430	ug/Kg
85-01-8	Phenanthrene	170	U	27.1	170	220	ug/Kg
120-12-7	Anthracene	170	U	43.1	170	220	ug/Kg
86-74-8	Carbazole	170	U	40.4	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	62.0	170	220	ug/Kg
206-44-0	Fluoranthene	170	U	38.8	170	220	ug/Kg
129-00-0	Pyrene	170	U	46.6	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	92.4	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	350	U	47.5	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	29.8	170	220	ug/Kg
218-01-9	Chrysene	170	U	25.8	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	76.6	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	110	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	24.6	170	220	ug/Kg

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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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	77.2
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143504.D	1	08/15/25 08:25	08/21/25 00:58	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	170	U	29.0	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	38.2	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	37.7	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	35.5	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	33.3	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	33.1	170	220	ug/Kg
123-91-1	1,4-Dioxane	170	U	58.5	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	35.5	170	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.2		35 - 115		60%	SPK: 150
13127-88-3	Phenol-d6	92.1		34 - 127		61%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.3		37 - 122		65%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.4		44 - 115		62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	90.6		39 - 132		60%	SPK: 150
1718-51-0	Terphenyl-d14	58.6		54 - 127		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132000	6.928				
1146-65-2	Naphthalene-d8	508000	8.204				
15067-26-2	Acenaphthene-d10	271000	9.963				
1517-22-2	Phenanthrene-d10	403000	11.451				
1719-03-5	Chrysene-d12	245000	14.092				
1520-96-3	Perylene-d12	294000	15.592				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.26	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	AB			5.16	ug/Kg
000119-61-9	Benzophenone	320	J			10.7	ug/Kg

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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:	82H-E	SDG No.:	Q2819
Lab Sample ID:	Q2819-20	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	77.2
Sample Wt/Vol:	30.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143504.D	1	08/15/25 08:25	08/21/25 00:58	PB169259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)

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:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-01	**22BP-N**	**SOIL**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-02	**22BP-E**	**SOIL**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-03	**22BP-W**	**SOIL**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/20/25	
Q2819-04	**22BP-S**	**SOIL**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-04RE	**22BP-SRE**	**SOIL**			**08/04/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-05	**11M-W**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/20/25	
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-07	**11M-N**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-08	**11M-E**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/21/25	
Q2819-09	**84SB-E**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/14/25	08/20/25	
Q2819-10	**84SB-S**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-10RE	**84SB-SRE**	**SOIL**			**08/05/25**			**08/08/25**

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			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-12	**17M-S**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-13	**17M-E**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-15	**17M-N**	**SOIL**			**08/05/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-16	**38M-S**	**SOIL**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-17	**38M-N**	**SOIL**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/20/25	
Q2819-18	**38M-W**	**SOIL**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-19	**38M-E**	**SOIL**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	
Q2819-20	**82H-E**	**SOIL**			**08/06/25**			**08/08/25**
			SVOC-TCL BNA -20	8270E		08/15/25	08/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : 11M-S									
Q2819-06	11M-S	SOIL	Heptachlor epoxide	27.3		0.21	0.92	1.90	ug/kg
Q2819-06	11M-S	SOIL	Dieldrin	131	E	0.15	0.36	1.90	ug/kg
Q2819-06	11M-S	SOIL	4,4-DDE	2.00		0.15	0.36	1.90	ug/kg
Q2819-06	11M-S	SOIL	alpha-Chlordane	51.3	E	0.13	0.36	1.90	ug/kg
Q2819-06	11M-S	SOIL	gamma-Chlordane	9.10		0.17	0.36	1.90	ug/kg
			Total Concentration:	**220.700**					
Client ID : 11M-SDL									
Q2819-06DL	11M-SDL	SOIL	Heptachlor epoxide	28.5	D	1.00	4.60	9.40	ug/kg
Q2819-06DL	11M-SDL	SOIL	Dieldrin	137	D	0.77	1.80	9.40	ug/kg
Q2819-06DL	11M-SDL	SOIL	4,4-DDE	1.90	JD	0.77	1.80	9.40	ug/kg
Q2819-06DL	11M-SDL	SOIL	alpha-Chlordane	46.2	D	0.66	1.80	9.40	ug/kg
Q2819-06DL	11M-SDL	SOIL	gamma-Chlordane	8.50	JD	0.83	1.80	9.40	ug/kg
			Total Concentration:	**222.100**					
Client ID : 84SB-W									
Q2819-11	84SB-W	SOIL	4,4-DDE	1.70	JP	0.16	0.38	2.00	ug/kg
Q2819-11	84SB-W	SOIL	4,4-DDT	2.30		0.16	0.38	2.00	ug/kg
Q2819-11	84SB-W	SOIL	alpha-Chlordane	8.40		0.14	0.38	2.00	ug/kg
Q2819-11	84SB-W	SOIL	gamma-Chlordane	4.40		0.17	0.38	2.00	ug/kg
			Total Concentration:	**16.800**					
Client ID : 17M-W									
Q2819-14	17M-W	SOIL	4,4-DDE	11.7	P	0.16	0.38	2.00	ug/kg
Q2819-14	17M-W	SOIL	4,4-DDT	12.1	P	0.16	0.38	2.00	ug/kg
Q2819-14	17M-W	SOIL	alpha-Chlordane	390	EP	0.14	0.38	2.00	ug/kg
Q2819-14	17M-W	SOIL	gamma-Chlordane	328	EP	0.17	0.38	2.00	ug/kg
			Total Concentration:	**741.800**					
Client ID : 17M-WDL									
Q2819-14DL	17M-WDL	SOIL	4,4-DDE	11.7	DP	0.33	0.77	4.00	ug/kg
Q2819-14DL	17M-WDL	SOIL	4,4-DDT	13.8	DP	0.33	0.77	4.00	ug/kg
Q2819-14DL	17M-WDL	SOIL	alpha-Chlordane	378	ED	0.28	0.77	4.00	ug/kg
Q2819-14DL	17M-WDL	SOIL	gamma-Chlordane	312	ED	0.35	0.77	4.00	ug/kg
			Total Concentration:	**715.500**					
Client ID : 17M-WDL2									
Q2819-14DL2	17M-WDL2	SOIL	4,4-DDE	12.0	JDP	3.30	7.70	39.6	ug/kg
Q2819-14DL2	17M-WDL2	SOIL	4,4-DDT	14.8	JDP	3.30	7.70	39.6	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2819-14DL2	17M-WDL2	SOIL	alpha-Chlordane	358	D	2.80	7.70	39.6	ug/kg
Q2819-14DL2	17M-WDL2	SOIL	gamma-Chlordane	300	D	3.50	7.70	39.6	ug/kg
			Total Concentration:	**684.800**					

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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089891.D	1	08/12/25 08:16	08/14/25 13:34	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.36	U	0.14	0.36	1.90	ug/kg
319-85-7	beta-BHC	0.92	U	0.20	0.92	1.90	ug/kg
319-86-8	delta-BHC	0.92	U	0.43	0.92	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.36	U	0.15	0.36	1.90	ug/kg
76-44-8	Heptachlor	0.36	U	0.13	0.36	1.90	ug/kg
309-00-2	Aldrin	0.36	U	0.13	0.36	1.90	ug/kg
1024-57-3	Heptachlor epoxide	27.3		0.21	0.92	1.90	ug/kg
959-98-8	Endosulfan I	0.36	U	0.15	0.36	1.90	ug/kg
60-57-1	Dieldrin	131	E	0.15	0.36	1.90	ug/kg
72-55-9	4,4-DDE	2.00		0.15	0.36	1.90	ug/kg
72-20-8	Endrin	0.36	U	0.15	0.36	1.90	ug/kg
33213-65-9	Endosulfan II	0.92	U	0.32	0.92	1.90	ug/kg
72-54-8	4,4-DDD	0.36	U	0.17	0.36	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.36	U	0.14	0.36	1.90	ug/kg
50-29-3	4,4-DDT	0.36	U	0.15	0.36	1.90	ug/kg
72-43-5	Methoxychlor	0.92	U	0.41	0.92	1.90	ug/kg
53494-70-5	Endrin ketone	0.92	U	0.21	0.92	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.92	U	0.41	0.92	1.90	ug/kg
5103-71-9	alpha-Chlordane	51.3	E	0.13	0.36	1.90	ug/kg
5103-74-2	gamma-Chlordane	9.10		0.17	0.36	1.90	ug/kg
8001-35-2	Toxaphene	18.8	U	6.00	18.8	36.4	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.3		55 - 130		91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.5		42 - 129		118%	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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089891.D	1	08/12/25 08:16	08/14/25 13:34	PB169206

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	11M-SDL	SDG No.:	Q2819
Lab Sample ID:	Q2819-06DL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089907.D	5	08/12/25 08:16	08/15/25 10:21	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.80	UD	0.72	1.80	9.40	ug/kg
319-85-7	beta-BHC	4.60	UD	0.99	4.60	9.40	ug/kg
319-86-8	delta-BHC	4.60	UD	2.20	4.60	9.40	ug/kg
58-89-9	gamma-BHC (Lindane)	1.80	UD	0.77	1.80	9.40	ug/kg
76-44-8	Heptachlor	1.80	UD	0.66	1.80	9.40	ug/kg
309-00-2	Aldrin	1.80	UD	0.66	1.80	9.40	ug/kg
1024-57-3	Heptachlor epoxide	28.5	D	1.00	4.60	9.40	ug/kg
959-98-8	Endosulfan I	1.80	UD	0.77	1.80	9.40	ug/kg
60-57-1	Dieldrin	137	D	0.77	1.80	9.40	ug/kg
72-55-9	4,4-DDE	1.90	JD	0.77	1.80	9.40	ug/kg
72-20-8	Endrin	1.80	UD	0.77	1.80	9.40	ug/kg
33213-65-9	Endosulfan II	4.60	UD	1.60	4.60	9.40	ug/kg
72-54-8	4,4-DDD	1.80	UD	0.83	1.80	9.40	ug/kg
1031-07-8	Endosulfan Sulfate	1.80	UD	0.72	1.80	9.40	ug/kg
50-29-3	4,4-DDT	1.80	UD	0.77	1.80	9.40	ug/kg
72-43-5	Methoxychlor	4.60	UD	2.00	4.60	9.40	ug/kg
53494-70-5	Endrin ketone	4.60	UD	1.00	4.60	9.40	ug/kg
7421-93-4	Endrin aldehyde	4.60	UD	2.00	4.60	9.40	ug/kg
5103-71-9	alpha-Chlordane	46.2	D	0.66	1.80	9.40	ug/kg
5103-74-2	gamma-Chlordane	8.50	JD	0.83	1.80	9.40	ug/kg
8001-35-2	Toxaphene	93.8	UD	29.8	93.8	182	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.1		55 - 130		101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		42 - 129		121%	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:	11M-SDL	SDG No.:	Q2819
Lab Sample ID:	Q2819-06DL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089907.D	5	08/12/25 08:16	08/15/25 10:21	PB169206

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
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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() = 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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089892.D	1	08/12/25 08:16	08/14/25 13:47	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.38	U	0.15	0.38	2.00	ug/kg
319-85-7	beta-BHC	0.96	U	0.21	0.96	2.00	ug/kg
319-86-8	delta-BHC	0.96	U	0.45	0.96	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.38	U	0.16	0.38	2.00	ug/kg
76-44-8	Heptachlor	0.38	U	0.14	0.38	2.00	ug/kg
309-00-2	Aldrin	0.38	U	0.14	0.38	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.96	U	0.22	0.96	2.00	ug/kg
959-98-8	Endosulfan I	0.38	U	0.16	0.38	2.00	ug/kg
60-57-1	Dieldrin	0.38	U	0.16	0.38	2.00	ug/kg
72-55-9	4,4-DDE	1.70	JP	0.16	0.38	2.00	ug/kg
72-20-8	Endrin	0.38	U	0.16	0.38	2.00	ug/kg
33213-65-9	Endosulfan II	0.96	U	0.33	0.96	2.00	ug/kg
72-54-8	4,4-DDD	0.38	U	0.17	0.38	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.38	U	0.15	0.38	2.00	ug/kg
50-29-3	4,4-DDT	2.30		0.16	0.38	2.00	ug/kg
72-43-5	Methoxychlor	0.96	U	0.43	0.96	2.00	ug/kg
53494-70-5	Endrin ketone	0.96	U	0.22	0.96	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.96	U	0.43	0.96	2.00	ug/kg
5103-71-9	alpha-Chlordane	8.40		0.14	0.38	2.00	ug/kg
5103-74-2	gamma-Chlordane	4.40		0.17	0.38	2.00	ug/kg
8001-35-2	Toxaphene	19.6	U	6.20	19.6	38.0	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	11.9		55 - 130		60%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.4		42 - 129		82%	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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089892.D	1	08/12/25 08:16	08/14/25 13:47	PB169206

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089893.D	1	08/12/25 08:16	08/14/25 14:01	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.39	U	0.15	0.38	2.00	ug/kg
319-85-7	beta-BHC	0.97	U	0.21	0.97	2.00	ug/kg
319-86-8	delta-BHC	0.97	U	0.45	0.97	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.39	U	0.16	0.38	2.00	ug/kg
76-44-8	Heptachlor	0.39	U	0.14	0.38	2.00	ug/kg
309-00-2	Aldrin	0.39	U	0.14	0.38	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.97	UM	0.22	0.97	2.00	ug/kg
959-98-8	Endosulfan I	0.39	U	0.16	0.38	2.00	ug/kg
60-57-1	Dieldrin	0.39	U	0.16	0.38	2.00	ug/kg
72-55-9	4,4-DDE	11.7	P	0.16	0.38	2.00	ug/kg
72-20-8	Endrin	0.39	U	0.16	0.38	2.00	ug/kg
33213-65-9	Endosulfan II	0.97	U	0.34	0.97	2.00	ug/kg
72-54-8	4,4-DDD	0.39	U	0.17	0.38	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.39	U	0.15	0.38	2.00	ug/kg
50-29-3	4,4-DDT	12.1	P	0.16	0.38	2.00	ug/kg
72-43-5	Methoxychlor	0.97	U	0.43	0.97	2.00	ug/kg
53494-70-5	Endrin ketone	0.97	U	0.22	0.97	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.97	U	0.43	0.97	2.00	ug/kg
5103-71-9	alpha-Chlordane	390	EPM	0.14	0.38	2.00	ug/kg
5103-74-2	gamma-Chlordane	328	EPM	0.17	0.38	2.00	ug/kg
8001-35-2	Toxaphene	19.8	U	6.30	19.8	38.4	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.2		55 - 130		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.7		42 - 129		119%	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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089893.D	1	08/12/25 08:16	08/14/25 14:01	PB169206

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

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection 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:	17M-WDL	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089908.D	2	08/12/25 08:16	08/15/25 10:35	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.77	UD	0.30	0.77	4.00	ug/kg
319-85-7	beta-BHC	1.90	UD	0.42	1.90	4.00	ug/kg
319-86-8	delta-BHC	1.90	UD	0.91	1.90	4.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.77	UD	0.33	0.77	4.00	ug/kg
76-44-8	Heptachlor	0.77	UD	0.28	0.77	4.00	ug/kg
309-00-2	Aldrin	0.77	UD	0.28	0.77	4.00	ug/kg
1024-57-3	Heptachlor epoxide	1.90	UD	0.44	1.90	4.00	ug/kg
959-98-8	Endosulfan I	0.77	UD	0.33	0.77	4.00	ug/kg
60-57-1	Dieldrin	0.77	UD	0.33	0.77	4.00	ug/kg
72-55-9	4,4-DDE	11.7	DP	0.33	0.77	4.00	ug/kg
72-20-8	Endrin	0.77	UD	0.33	0.77	4.00	ug/kg
33213-65-9	Endosulfan II	1.90	UD	0.68	1.90	4.00	ug/kg
72-54-8	4,4-DDD	0.77	UD	0.35	0.77	4.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.77	UD	0.30	0.77	4.00	ug/kg
50-29-3	4,4-DDT	13.8	DP	0.33	0.77	4.00	ug/kg
72-43-5	Methoxychlor	1.90	UD	0.86	1.90	4.00	ug/kg
53494-70-5	Endrin ketone	1.90	UD	0.44	1.90	4.00	ug/kg
7421-93-4	Endrin aldehyde	1.90	UD	0.86	1.90	4.00	ug/kg
5103-71-9	alpha-Chlordane	378	ED	0.28	0.77	4.00	ug/kg
5103-74-2	gamma-Chlordane	312	ED	0.35	0.77	4.00	ug/kg
8001-35-2	Toxaphene	39.6	UD	12.6	39.6	76.9	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.8		55 - 130		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.6		42 - 129		123%	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:	17M-WDL	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089908.D	2	08/12/25 08:16	08/15/25 10:35	PB169206

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:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	17M-WDL2	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL2	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089909.D	20	08/12/25 08:16	08/15/25 10:49	PB169206

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	7.70	UD	3.00	7.70	39.6	ug/kg
319-85-7	beta-BHC	19.3	UD	4.20	19.3	39.6	ug/kg
319-86-8	delta-BHC	19.3	UD	9.10	19.3	39.6	ug/kg
58-89-9	gamma-BHC (Lindane)	7.70	UD	3.30	7.70	39.6	ug/kg
76-44-8	Heptachlor	7.70	UD	2.80	7.70	39.6	ug/kg
309-00-2	Aldrin	7.70	UD	2.80	7.70	39.6	ug/kg
1024-57-3	Heptachlor epoxide	19.3	UD	4.40	19.3	39.6	ug/kg
959-98-8	Endosulfan I	7.70	UD	3.30	7.70	39.6	ug/kg
60-57-1	Dieldrin	7.70	UD	3.30	7.70	39.6	ug/kg
72-55-9	4,4-DDE	12.0	JDP	3.30	7.70	39.6	ug/kg
72-20-8	Endrin	7.70	UD	3.30	7.70	39.6	ug/kg
33213-65-9	Endosulfan II	19.3	UD	6.80	19.3	39.6	ug/kg
72-54-8	4,4-DDD	7.70	UD	3.50	7.70	39.6	ug/kg
1031-07-8	Endosulfan Sulfate	7.70	UD	3.00	7.70	39.6	ug/kg
50-29-3	4,4-DDT	14.8	JDP	3.30	7.70	39.6	ug/kg
72-43-5	Methoxychlor	19.3	UD	8.60	19.3	39.6	ug/kg
53494-70-5	Endrin ketone	19.3	UD	4.40	19.3	39.6	ug/kg
7421-93-4	Endrin aldehyde	19.3	UD	8.60	19.3	39.6	ug/kg
5103-71-9	alpha-Chlordane	358	D	2.80	7.70	39.6	ug/kg
5103-74-2	gamma-Chlordane	300	D	3.50	7.70	39.6	ug/kg
8001-35-2	Toxaphene	396	UD	126	396	769	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.8		55 - 130		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.4	*	42 - 129		132%	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:	17M-WDL2	SDG No.:	Q2819
Lab Sample ID:	Q2819-14DL2	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089909.D	20	08/12/25 08:16	08/15/25 10:49	PB169206

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

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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LAB CHRONICLE

OrderID:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
			Pesticide-TCL	8081B		08/12/25	08/14/25	
Q2819-06DL	**11M-SDL**	**SOIL**			**08/05/25**			**08/08/25**
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
			Pesticide-TCL	8081B		08/12/25	08/14/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
			Pesticide-TCL	8081B		08/12/25	08/14/25	
Q2819-14DL	**17M-WDL**	**SOIL**			**08/05/25**			**08/08/25**
			Pesticide-TCL	8081B		08/12/25	08/15/25	
Q2819-14DL2	**17M-WDL2**	**SOIL**			**08/05/25**			**08/08/25**
			Pesticide-TCL	8081B		08/12/25	08/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

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

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112860.D	1	08/12/25 08:15	08/12/25 13:26	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.20	U	4.40	9.20	18.8	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.8	ug/kg
11141-16-5	Aroclor-1232	9.20	U	4.10	9.20	18.8	ug/kg
53469-21-9	Aroclor-1242	9.20	U	4.40	9.20	18.8	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.8	ug/kg
11097-69-1	Aroclor-1254	9.20	U	3.50	9.20	18.8	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.8	ug/kg
11100-14-4	Aroclor-1268	9.20	U	4.00	9.20	18.8	ug/kg
11096-82-5	Aroclor-1260	9.20	U	3.60	9.20	18.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.6		44 - 130		108%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		60 - 125		76%	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
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B = Analyte Found in Associated Method Blank
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
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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:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112861.D	1	08/12/25 08:15	08/12/25 13:43	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.60	U	4.50	9.60	19.6	ug/kg
11104-28-2	Aroclor-1221	15.0	U	4.60	15.0	19.6	ug/kg
11141-16-5	Aroclor-1232	9.60	U	4.30	9.60	19.6	ug/kg
53469-21-9	Aroclor-1242	9.60	U	4.60	9.60	19.6	ug/kg
12672-29-6	Aroclor-1248	15.0	U	6.80	15.0	19.6	ug/kg
11097-69-1	Aroclor-1254	9.60	U	3.70	9.60	19.6	ug/kg
37324-23-5	Aroclor-1262	15.0	U	5.80	15.0	19.6	ug/kg
11100-14-4	Aroclor-1268	9.60	U	4.10	9.60	19.6	ug/kg
11096-82-5	Aroclor-1260	9.60	U	3.70	9.60	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		44 - 130		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	SPK: 20

Comments:

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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112862.D	1	08/12/25 08:15	08/12/25 14:01	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.70	U	4.60	9.70	19.8	ug/kg
11104-28-2	Aroclor-1221	15.1	U	4.70	15.1	19.8	ug/kg
11141-16-5	Aroclor-1232	9.70	U	4.30	9.70	19.8	ug/kg
53469-21-9	Aroclor-1242	9.70	U	4.70	9.70	19.8	ug/kg
12672-29-6	Aroclor-1248	15.1	U	6.90	15.1	19.8	ug/kg
11097-69-1	Aroclor-1254	9.70	U	3.70	9.70	19.8	ug/kg
37324-23-5	Aroclor-1262	15.1	U	5.80	15.1	19.8	ug/kg
11100-14-4	Aroclor-1268	9.70	U	4.20	9.70	19.8	ug/kg
11096-82-5	Aroclor-1260	9.70	U	3.80	9.70	19.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		44 - 130		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.8		60 - 125		69%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
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LAB CHRONICLE

OrderID:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**			**08/08/25**
			PCB	8082A		08/12/25	08/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : 11M-S									
Q2819-06	11M-S	SOIL	Aluminum	1930		0.80	3.81	4.76	mg/Kg
Q2819-06	11M-S	SOIL	Arsenic	1.41		0.18	0.76	0.95	mg/Kg
Q2819-06	11M-S	SOIL	Barium	7.85		0.70	1.19	4.76	mg/Kg
Q2819-06	11M-S	SOIL	Beryllium	0.13	J	0.024	0.071	0.29	mg/Kg
Q2819-06	11M-S	SOIL	Cadmium	0.082	J	0.023	0.071	0.29	mg/Kg
Q2819-06	11M-S	SOIL	Calcium	174		10.6	23.8	95.3	mg/Kg
Q2819-06	11M-S	SOIL	Chromium	5.24		0.045	0.12	0.48	mg/Kg
Q2819-06	11M-S	SOIL	Cobalt	0.76	J	0.095	0.36	1.43	mg/Kg
Q2819-06	11M-S	SOIL	Copper	2.19		0.21	0.76	0.95	mg/Kg
Q2819-06	11M-S	SOIL	Iron	2860		3.80	3.81	4.76	mg/Kg
Q2819-06	11M-S	SOIL	Lead	16.2		0.12	0.46	0.57	mg/Kg
Q2819-06	11M-S	SOIL	Magnesium	311		11.4	23.8	95.3	mg/Kg
Q2819-06	11M-S	SOIL	Manganese	36.8		0.13	0.24	0.95	mg/Kg
Q2819-06	11M-S	SOIL	Nickel	1.71	J	0.12	0.48	1.91	mg/Kg
Q2819-06	11M-S	SOIL	Potassium	124		26.4	76.2	95.3	mg/Kg
Q2819-06	11M-S	SOIL	Silver	0.13	J	0.11	0.24	0.48	mg/Kg
Q2819-06	11M-S	SOIL	Sodium	44.2	J	17.0	76.2	95.3	mg/Kg
Q2819-06	11M-S	SOIL	Vanadium	4.22		0.24	0.95	1.91	mg/Kg
Q2819-06	11M-S	SOIL	Zinc	8.80		0.22	0.48	1.91	mg/Kg
Client ID : 84SB-W									
Q2819-11	84SB-W	SOIL	Aluminum	1440		0.82	3.89	4.86	mg/Kg
Q2819-11	84SB-W	SOIL	Arsenic	3.43		0.19	0.78	0.97	mg/Kg
Q2819-11	84SB-W	SOIL	Barium	8.37		0.71	1.22	4.86	mg/Kg
Q2819-11	84SB-W	SOIL	Beryllium	0.28	J	0.024	0.073	0.29	mg/Kg
Q2819-11	84SB-W	SOIL	Cadmium	0.14	J	0.023	0.073	0.29	mg/Kg
Q2819-11	84SB-W	SOIL	Calcium	5360		10.8	24.3	97.2	mg/Kg
Q2819-11	84SB-W	SOIL	Chromium	4.09		0.046	0.12	0.49	mg/Kg
Q2819-11	84SB-W	SOIL	Cobalt	0.91	J	0.097	0.37	1.46	mg/Kg
Q2819-11	84SB-W	SOIL	Copper	6.23		0.21	0.78	0.97	mg/Kg
Q2819-11	84SB-W	SOIL	Iron	3500		3.88	3.89	4.86	mg/Kg
Q2819-11	84SB-W	SOIL	Lead	22.7		0.13	0.47	0.58	mg/Kg
Q2819-11	84SB-W	SOIL	Magnesium	2580		11.7	24.3	97.2	mg/Kg
Q2819-11	84SB-W	SOIL	Manganese	29.6		0.14	0.24	0.97	mg/Kg
Q2819-11	84SB-W	SOIL	Mercury	0.065		0.0080	0.012	0.014	mg/Kg
Q2819-11	84SB-W	SOIL	Nickel	2.42		0.13	0.49	1.94	mg/Kg
Q2819-11	84SB-W	SOIL	Potassium	139		26.9	77.8	97.2	mg/Kg
Q2819-11	84SB-W	SOIL	Silver	0.15	J	0.12	0.24	0.49	mg/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q2819 **Order ID:** Q2819

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

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2819-11	84SB-W	SOIL	Sodium	91.1	J	17.3	77.8	97.2	mg/Kg
Q2819-11	84SB-W	SOIL	Vanadium	4.31		0.24	0.97	1.94	mg/Kg
Q2819-11	84SB-W	SOIL	Zinc	21.5		0.22	0.49	1.94	mg/Kg
Client ID :	**17M-W**								
Q2819-14	17M-W	SOIL	Aluminum	936		0.83	3.96	4.95	mg/Kg
Q2819-14	17M-W	SOIL	Arsenic	2.78		0.19	0.79	0.99	mg/Kg
Q2819-14	17M-W	SOIL	Barium	2.44	J	0.72	1.24	4.95	mg/Kg
Q2819-14	17M-W	SOIL	Beryllium	0.058	J	0.025	0.074	0.30	mg/Kg
Q2819-14	17M-W	SOIL	Cadmium	0.048	J	0.024	0.074	0.30	mg/Kg
Q2819-14	17M-W	SOIL	Calcium	171		11.0	24.8	99.0	mg/Kg
Q2819-14	17M-W	SOIL	Chromium	3.15		0.047	0.12	0.50	mg/Kg
Q2819-14	17M-W	SOIL	Cobalt	0.37	J	0.099	0.37	1.49	mg/Kg
Q2819-14	17M-W	SOIL	Copper	2.73		0.22	0.79	0.99	mg/Kg
Q2819-14	17M-W	SOIL	Iron	1540		3.95	3.96	4.95	mg/Kg
Q2819-14	17M-W	SOIL	Lead	4.67		0.13	0.48	0.59	mg/Kg
Q2819-14	17M-W	SOIL	Magnesium	159		11.9	24.8	99.0	mg/Kg
Q2819-14	17M-W	SOIL	Manganese	15.0		0.14	0.25	0.99	mg/Kg
Q2819-14	17M-W	SOIL	Nickel	1.08	J	0.13	0.50	1.98	mg/Kg
Q2819-14	17M-W	SOIL	Potassium	73.1	J	27.4	79.2	99.0	mg/Kg
Q2819-14	17M-W	SOIL	Sodium	36.7	J	17.6	79.2	99.0	mg/Kg
Q2819-14	17M-W	SOIL	Vanadium	2.33		0.25	0.99	1.98	mg/Kg
Q2819-14	17M-W	SOIL	Zinc	11.9		0.23	0.50	1.98	mg/Kg

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:	11M-S	SDG No.:	Q2819
Lab Sample ID:	Q2819-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1930		1	0.80	3.81	4.76	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-36-0	Antimony	0.60	UN	1	0.21	0.60	2.38	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-38-2	Arsenic	1.41	N	1	0.18	0.76	0.95	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-39-3	Barium	7.85		1	0.70	1.19	4.76	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-41-7	Beryllium	0.13	JN	1	0.024	0.071	0.29	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-43-9	Cadmium	0.082	J	1	0.023	0.071	0.29	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-70-2	Calcium	174		1	10.6	23.8	95.3	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-47-3	Chromium	5.24	N	1	0.045	0.12	0.48	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-48-4	Cobalt	0.76	J	1	0.095	0.36	1.43	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-50-8	Copper	2.19		1	0.21	0.76	0.95	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7439-89-6	Iron	2860	*	1	3.80	3.81	4.76	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7439-92-1	Lead	16.2		1	0.12	0.46	0.57	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7439-95-4	Magnesium	311		1	11.4	23.8	95.3	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7439-96-5	Manganese	36.8		1	0.13	0.24	0.95	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7439-97-6	Mercury	0.011	U	1	0.0080	0.011	0.014	mg/Kg	08/11/25 16:30	08/12/25 11:08	7471B	
7440-02-0	Nickel	1.71	J	1	0.12	0.48	1.91	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-09-7	Potassium	124	N	1	26.4	76.2	95.3	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7782-49-2	Selenium	0.76	UN	1	0.25	0.76	0.95	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-22-4	Silver	0.13	JN	1	0.11	0.24	0.48	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-23-5	Sodium	44.2	J	1	17.0	76.2	95.3	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-28-0	Thallium	0.95	UN	1	0.22	0.95	1.91	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-62-2	Vanadium	4.22	N*	1	0.24	0.95	1.91	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050
7440-66-6	Zinc	8.80		1	0.22	0.48	1.91	mg/Kg	08/12/25 12:55	08/13/25 16:02	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

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

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

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	1440		1	0.82	3.89	4.86	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-36-0	Antimony	0.61	UN	1	0.21	0.61	2.43	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-38-2	Arsenic	3.43	N	1	0.19	0.78	0.97	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-39-3	Barium	8.37		1	0.71	1.22	4.86	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-41-7	Beryllium	0.28	JN	1	0.024	0.073	0.29	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-43-9	Cadmium	0.14	J	1	0.023	0.073	0.29	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-70-2	Calcium	5360		1	10.8	24.3	97.2	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-47-3	Chromium	4.09	N	1	0.046	0.12	0.49	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-48-4	Cobalt	0.91	J	1	0.097	0.37	1.46	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-50-8	Copper	6.23		1	0.21	0.78	0.97	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7439-89-6	Iron	3500	*	1	3.88	3.89	4.86	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7439-92-1	Lead	22.7		1	0.13	0.47	0.58	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7439-95-4	Magnesium	2580		1	11.7	24.3	97.2	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7439-96-5	Manganese	29.6		1	0.14	0.24	0.97	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7439-97-6	Mercury	0.065		1	0.0080	0.012	0.014	mg/Kg	08/11/25 16:30	08/12/25 11:25	7471B	
7440-02-0	Nickel	2.42		1	0.13	0.49	1.94	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-09-7	Potassium	139	N	1	26.9	77.8	97.2	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7782-49-2	Selenium	0.78	UN	1	0.25	0.78	0.97	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-22-4	Silver	0.15	JN	1	0.12	0.24	0.49	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-23-5	Sodium	91.1	J	1	17.3	77.8	97.2	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-28-0	Thallium	0.97	UN	1	0.22	0.97	1.94	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-62-2	Vanadium	4.31	N*	1	0.24	0.97	1.94	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050
7440-66-6	Zinc	21.5		1	0.22	0.49	1.94	mg/Kg	08/12/25 12:55	08/13/25 16:06	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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:	17M-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-14	Matrix:	SOIL
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	936		1	0.83	3.96	4.95	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-36-0	Antimony	0.62	UN	1	0.22	0.62	2.48	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-38-2	Arsenic	2.78	N	1	0.19	0.79	0.99	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-39-3	Barium	2.44	J	1	0.72	1.24	4.95	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-41-7	Beryllium	0.058	JN	1	0.025	0.074	0.30	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-43-9	Cadmium	0.048	J	1	0.024	0.074	0.30	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-70-2	Calcium	171		1	11.0	24.8	99.0	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-47-3	Chromium	3.15	N	1	0.047	0.12	0.50	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-48-4	Cobalt	0.37	J	1	0.099	0.37	1.49	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-50-8	Copper	2.73		1	0.22	0.79	0.99	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7439-89-6	Iron	1540	*	1	3.95	3.96	4.95	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7439-92-1	Lead	4.67		1	0.13	0.48	0.59	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7439-95-4	Magnesium	159		1	11.9	24.8	99.0	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7439-96-5	Manganese	15.0		1	0.14	0.25	0.99	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7439-97-6	Mercury	0.013	U	1	0.0090	0.013	0.016	mg/Kg	08/11/25 16:30	08/12/25 11:27	7471B	
7440-02-0	Nickel	1.08	J	1	0.13	0.50	1.98	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-09-7	Potassium	73.1	JN	1	27.4	79.2	99.0	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7782-49-2	Selenium	0.79	UN	1	0.26	0.79	0.99	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-22-4	Silver	0.25	UN	1	0.12	0.25	0.50	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-23-5	Sodium	36.7	J	1	17.6	79.2	99.0	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-28-0	Thallium	0.99	UN	1	0.23	0.99	1.98	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-62-2	Vanadium	2.33	N*	1	0.25	0.99	1.98	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050
7440-66-6	Zinc	11.9		1	0.23	0.50	1.98	mg/Kg	08/12/25 12:55	08/13/25 16:10	6010D	SW3050

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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J = Estimated Value
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E = Indicates the reported value is estimated because of the presence of interference.
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2819	**OrderDate:**	8/11/2025 12:06:00 PM
Client:	First Environment, Inc.	**Project:**	USACE018-44 DOD
Contact:	Al Smith	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2819-06	**11M-S**	**SOIL**			**08/05/25**			**08/08/25**
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	
Q2819-11	**84SB-W**	**SOIL**			**08/05/25**			**08/08/25**
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	
Q2819-14	**17M-W**	**SOIL**			**08/05/25**			**08/08/25**
			Mercury	7471B		08/11/25	08/12/25	
			Metals ICP-TAL	6010D		08/12/25	08/13/25	

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. Q2819
COC Number 2045329

10
10.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: First Environment
ADDRESS: 10 Park Pl Bldg 1A Suite 304
CITY Butler STATE: NJ ZIP: 07405
ATTENTION: Al Smith
PHONE: 973-334-0003 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: USACE FIMP
PROJECT NO.: USACE018-44 LOCATION: Long Island, NY
PROJECT MANAGER: Al Smith
e-mail: asmith@firstenvironment.com
PHONE: 973-334-0003 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
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 NYSDEC

ANALYSIS

1: VOC / SVOC 2 3: Pest. / PCB 4: metals 5 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	1	2	3	4	5	6	7	8	9
1.	22BP-N	S			8/4/25	1500	5	X								
2.	22BP-E	S				1434	5	X								
3.	22BP-W	S				1418	5	X								
4.	22BP-S	S				1427	5	X								
5.	11M-W	S			8/5/25	1015	5	X								
6.	11M-S	S				0955	7	X	X	X						
7.	11M-N	S				1100	5	X								
8.	11M-E	S				1110	5	X								
9.	845B-E	S				1340	5	X								
10.	845B-S	S				1410	5	X								

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 3.8i °C
Comments:

Page 1 of 5

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. Q2819
COC Number 2045330

10
10.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY:
ADDRESS: See page 1
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): 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 NYSDEC

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC	SVOC	Pest	PCB	Metals				

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.	84 SB-W	S	C		8/5/25	1400	7	X	X	X							
2.	17M-S					1605	5	X									
3.	17M-E					1700	5	X									
4.	17M-W					1620	7	X	X	X							
5.	17M-N					1640	5	X									
6.	38M-S				8/6/25	0935	5	X									
7.	38M-N					1005	5	X									
8.	38M-W					0955	5	X	X	X							
9.	38M-E					1020	5	X									
10.	82H-E					1205	5	X									

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 3.6 °C
Comments:

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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

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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

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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2819 FIRS02
Client Name : First Environment, Inc.
Client Contact : Al Smith
Invoice Name : First Environment, Inc.
Invoice Contact : Al Smith

Order Date : 8/11/2025 12:06:00 PM
Project Name : USACE018-44 DOD
Receive DateTime : 8/8/2025 6:01:00 PM
Purchase Order :

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2819-01	22BP-N	Solid	08/04/2025	15:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-02	22BP-E	Solid	08/04/2025	14:34					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-03	22BP-W	Solid	08/04/2025	14:18					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-04	22BP-S	Solid	08/04/2025	14:27					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-05	11M-W	Solid	08/05/2025	10:15					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-06	11M-S	Solid	08/05/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-07	11M-N	Solid	08/05/2025	11:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-08	11M-E	Solid	08/05/2025	11:10					

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DP 08/16/2025

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					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-09	84SB-E ~~845SB-E~~	Solid	08/05/2025	13:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-10	84SB-S ~~845SB-S~~	Solid	08/05/2025	14:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-11	84SB-W ~~845SB-W~~	Solid	08/05/2025	14:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-12	17M-S	Solid	08/05/2025	16:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-13	17M-E	Solid	08/05/2025	17:00					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-14	17M-W	Solid	08/05/2025	16:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-15	17M-N	Solid	08/05/2025	16:40					
					VOC-TCLVOA-10		8260D		10 Bus. Days

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Q2819-16	38M-S	Solid	08/06/2025	09:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-17	38M-N	Solid	08/06/2025	10:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-18	38M-W	Solid	08/06/2025	09:55					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-19	38M-E	Solid	08/06/2025	10:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q2819-20	82H-E	Solid	08/06/2025	12:05					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 8-11-25 1450

Received By :
Date / Time : 08/11/25 14:50
Storage Area : VOA Refridgerator Room