

Hit Summary Sheet SW-846

SDG No.: Q2820
Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	82H-W								
Q2820-02	82H-W	SOIL	Acetone	30.4		3.60	15.1	18.9	ug/Kg
Q2820-02	82H-W	SOIL	Carbon Disulfide	2.20	J	0.80	3.00	3.80	ug/Kg
Q2820-02	82H-W	SOIL	Methylene Chloride	4.60	J	2.70	6.00	7.60	ug/Kg
			Total Voc :	37.2					
Q2820-02	82H-W	SOIL	unknown12.928	* 6.40	J	0		0	ug/Kg
			Total Tics :	6.40					
			Total Concentration:	43.6					
Client ID:	82H-N								
Q2820-03	82H-N	SOIL	Acetone	12.1	J	3.60	15.0	18.8	ug/Kg
Q2820-03	82H-N	SOIL	Methylene Chloride	4.70	J	2.70	6.00	7.50	ug/Kg
			Total Voc :	16.8					
			Total Concentration:	16.8					
Client ID:	518R-E								
Q2820-05	518R-E	SOIL	Acetone	190		9.90	41.6	52.0	ug/Kg
Q2820-05	518R-E	SOIL	Methylene Chloride	11.0	J	7.30	16.6	20.8	ug/Kg
Q2820-05	518R-E	SOIL	2-Butanone	36.3	J	13.6	41.6	52.0	ug/Kg
			Total Voc :	237					
			Total Concentration:	237					
Client ID:	518R-N								
Q2820-06	518R-N	SOIL	Acetone	180		8.80	37.1	46.4	ug/Kg
Q2820-06	518R-N	SOIL	Carbon Disulfide	35.5		2.00	7.40	9.30	ug/Kg
			Total Voc :	216					
			Total Concentration:	216					
Client ID:	518R-W								
Q2820-08	518R-W	SOIL	Acetone	33.9		3.70	15.7	19.7	ug/Kg
Q2820-08	518R-W	SOIL	Methylene Chloride	6.60	J	2.80	6.30	7.90	ug/Kg
			Total Voc :	40.5					
			Total Concentration:	40.5					
Client ID:	705R-S								
Q2820-09	705R-S	SOIL	Acetone	30.8	J	6.60	28.0	35.0	ug/Kg
			Total Voc :	30.8					
			Total Concentration:	30.8					
Client ID:	SOIL-DUP-2								
Q2820-10	SOIL-DUP-2	SOIL	Acetone	91.9		9.10	38.3	47.9	ug/Kg
Q2820-10	SOIL-DUP-2	SOIL	Carbon Disulfide	6.60	J	2.00	7.70	9.60	ug/Kg
			Total Voc :	98.5					
			Total Concentration:	98.5					
Client ID:	10P-W								
Q2820-13	10P-W	SOIL	Acetone	9.30	J	2.80	12.0	15.0	ug/Kg

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SDG No.: Q2820

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2820-13	10P-W	SOIL	Methylene Chloride	3.30	J	2.10	4.80	6.00	ug/Kg
			Total Voc :	12.6					
			Total Concentration:	12.6					
Client ID:	10P-S								
Q2820-15	10P-S	SOIL	unknown12.651	* 6.90	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	unknown12.730	* 15.0	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	Naphthalene, decahydro-	* 19.2	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	Cyclohexane, (2-methylpropyl)	* 13.5	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	Naphthalene, decahydro-2-metl	* 12.8	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	2-Octene, 2,6-dimethyl-	* 11.5	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	1-Ethyl-2,2,6-trimethylcyclohe:	* 6.10	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	cis-Decalin, 2-syn-methyl-	* 6.20	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	3,4-Dimethylpent-2-en-1-ol	* 9.20	J	0		0	ug/Kg
Q2820-15	10P-S	SOIL	Isobutyl undecyl carbonate	* 6.60	J	0		0	ug/Kg
			Total Tics :	107					
			Total Concentration:	107					
Client ID:	88H-N								
Q2820-18	88H-N	SOIL	Acetone	64.0		3.60	15.3	19.1	ug/Kg
Q2820-18	88H-N	SOIL	2-Butanone	6.70	J	5.00	15.3	19.1	ug/Kg
			Total Voc :	70.7					
			Total Concentration:	70.7					
Client ID:	88H-W								
Q2820-19	88H-W	SOIL	Acetone	58.9		2.80	11.7	14.7	ug/Kg
Q2820-19	88H-W	SOIL	Methylene Chloride	3.80	J	2.10	4.70	5.90	ug/Kg
Q2820-19	88H-W	SOIL	2-Butanone	5.50	J	3.80	11.7	14.7	ug/Kg
			Total Voc :	68.2					
			Total Concentration:	68.2					
Client ID:	88H-S								
Q2820-20	88H-S	SOIL	Acetone	47.3		3.20	13.5	16.9	ug/Kg
			Total Voc :	47.3					
Q2820-20	88H-S	SOIL	Dimethyl sulfide	* 4.30	J	0		0	ug/Kg
			Total Tics :	4.30					
			Total Concentration:	51.6					
Client ID:	22M-W								
Q2820-22	22M-W	SOIL	Acetone	18.1	J	5.50	23.4	29.2	ug/Kg
Q2820-22	22M-W	SOIL	Carbon Disulfide	4.70	J	1.20	4.70	5.80	ug/Kg
			Total Voc :	22.8					
			Total Concentration:	22.8					
Client ID:	22M-S								
Q2820-24	22M-S	SOIL	Acetone	8.00	J	4.40	18.8	23.4	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: Q2820

Client: First Environment, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q2820-24	22M-S	SOIL	Carbon Disulfide	2.60	J	0.99	3.80	4.70	ug/Kg
			Total Voc :	10.6					
Q2820-24	22M-S	SOIL	unknown15.505	* 150	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Naphthalene, decahydro-	* 91.7	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Dodecane	* 64.1	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Tridecane	* 100	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Octane, 2,6-dimethyl-	* 310	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	1-Methyldecahydronaphthalene	* 91.3	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Naphthalene, decahydro-2-metl	* 150	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Dodecane, 2,6,10-trimethyl-	* 100	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Undecane, 2,6-dimethyl-	* 250	J	0		0	ug/Kg
Q2820-24	22M-S	SOIL	Decahydro-1,1,4a,5,6-pentamet	* 120	J	0		0	ug/Kg
			Total Tics :	1430					
			Total Concentration:	1440					



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	82H-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.5
Sample Wt/Vol:	6.57 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
VY023141.D	1	08/19/25 11:20	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.70	U	1.10	3.70	4.60	ug/Kg
74-87-3	Chloromethane	2.30	U	1.10	2.30	4.60	ug/Kg
75-01-4	Vinyl Chloride	2.30	U	0.73	2.30	4.60	ug/Kg
74-83-9	Bromomethane	3.70	U	0.99	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	0.98	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	4.40	18.4	23.1	ug/Kg
75-15-0	Carbon Disulfide	3.70	U	0.98	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	7.40	U	3.30	7.40	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	0.74	2.30	4.60	ug/Kg
110-82-7	Cyclohexane	2.30	U	0.73	2.30	4.60	ug/Kg
78-93-3	2-Butanone	18.4	U	6.00	18.4	23.1	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	0.86	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	0.73	2.30	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	2.30	U	0.73	2.30	4.60	ug/Kg
79-01-6	Trichloroethene	2.30	U	0.75	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	23.1	ug/Kg
108-88-3	Toluene	2.30	U	0.72	2.30	4.60	ug/Kg

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-S		SDG No.:	Q2820	
Lab Sample ID:	Q2820-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	82.5	
Sample Wt/Vol:	6.57	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
VY023141.D	1	08/19/25 11:20	VY081925

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	0.85	2.30	4.60	ug/Kg
591-78-6	2-Hexanone	11.5	U	3.40	11.5	23.1	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	0.97	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	0.62	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	0.76	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	52.2		71 - 136		104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		78 - 119		102%	SPK: 50
2037-26-5	Toluene-d8	50.7		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		79 - 119		84%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	633000	7.707				
540-36-3	1,4-Difluorobenzene	1180000	8.616				
3114-55-4	Chlorobenzene-d5	988000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	334000	13.347				

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-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.5
Sample Wt/Vol:	6.57	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023141.D	1	08/19/25 11:20	VY081925

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

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-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.5
Sample Wt/Vol:	7.92 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
VW032085.D	1	08/14/25 12:02	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.00	U	0.86	3.00	3.80	ug/Kg
74-87-3	Chloromethane	1.90	U	0.86	1.90	3.80	ug/Kg
75-01-4	Vinyl Chloride	1.90	U	0.60	1.90	3.80	ug/Kg
74-83-9	Bromomethane	3.00	U	0.81	3.00	3.80	ug/Kg
75-00-3	Chloroethane	1.90	U	0.95	1.90	3.80	ug/Kg
75-69-4	Trichlorofluoromethane	3.00	U	0.91	3.00	3.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	U	0.80	1.90	3.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.90	U	0.76	1.90	3.80	ug/Kg
67-64-1	Acetone	30.4		3.60	15.1	18.9	ug/Kg
75-15-0	Carbon Disulfide	2.20	J	0.80	3.00	3.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	0.55	1.90	3.80	ug/Kg
79-20-9	Methyl Acetate	3.00	U	1.20	3.00	3.80	ug/Kg
75-09-2	Methylene Chloride	4.60	J	2.70	6.00	7.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	0.65	1.90	3.80	ug/Kg
75-34-3	1,1-Dichloroethane	1.90	U	0.60	1.90	3.80	ug/Kg
110-82-7	Cyclohexane	1.90	U	0.60	1.90	3.80	ug/Kg
78-93-3	2-Butanone	15.1	U	4.90	15.1	18.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.90	U	0.73	1.90	3.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	0.57	1.90	3.80	ug/Kg
74-97-5	Bromochloromethane	3.00	U	0.87	3.00	3.80	ug/Kg
67-66-3	Chloroform	3.00	U	0.64	3.00	3.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.90	U	0.70	1.90	3.80	ug/Kg
108-87-2	Methylcyclohexane	1.90	U	0.69	1.90	3.80	ug/Kg
71-43-2	Benzene	1.90	U	0.60	1.90	3.80	ug/Kg
107-06-2	1,2-Dichloroethane	1.90	U	0.60	1.90	3.80	ug/Kg
79-01-6	Trichloroethene	1.90	U	0.61	1.90	3.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.90	U	0.69	1.90	3.80	ug/Kg
75-27-4	Bromodichloromethane	1.90	U	0.59	1.90	3.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.50	U	2.70	9.50	18.9	ug/Kg
108-88-3	Toluene	1.90	U	0.59	1.90	3.80	ug/Kg

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-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.5
Sample Wt/Vol:	7.92	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032085.D	1	08/14/25 12:02	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.90	U	0.49	1.90	3.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.90	U	0.47	1.90	3.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	0.70	1.90	3.80	ug/Kg
591-78-6	2-Hexanone	9.50	U	2.80	9.50	18.9	ug/Kg
124-48-1	Dibromochloromethane	1.90	U	0.66	1.90	3.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.90	U	0.67	1.90	3.80	ug/Kg
127-18-4	Tetrachloroethene	1.90	U	0.79	1.90	3.80	ug/Kg
108-90-7	Chlorobenzene	1.90	U	0.69	1.90	3.80	ug/Kg
100-41-4	Ethyl Benzene	1.90	U	0.51	1.90	3.80	ug/Kg
179601-23-1	m/p-Xylenes	3.80	U	0.94	3.80	7.60	ug/Kg
95-47-6	o-Xylene	1.90	U	0.62	1.90	3.80	ug/Kg
100-42-5	Styrene	1.90	U	0.54	1.90	3.80	ug/Kg
75-25-2	Bromoform	1.90	U	0.65	1.90	3.80	ug/Kg
98-82-8	Isopropylbenzene	1.90	U	0.59	1.90	3.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	0.91	1.90	3.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.30	1.90	3.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.20	1.90	3.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.10	1.90	3.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.00	U	1.40	3.00	3.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	2.20	3.00	3.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	2.40	3.00	3.80	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	58.2	71 - 136	116%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4	78 - 119	111%	SPK: 50
2037-26-5	Toluene-d8	50.8	85 - 116	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6	79 - 119	103%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	151000	7.965
540-36-3	1,4-Difluorobenzene	312000	8.855
3114-55-4	Chlorobenzene-d5	317000	11.629
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.556

TENTATIVE IDENTIFIED COMPOUNDS

C

D

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	82H-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.5
Sample Wt/Vol:	7.92 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
VW032085.D	1	08/14/25 12:02	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
	unknown12.928	6.40	J			12.9	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

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-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	7.62 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
VW032086.D	1	08/14/25 12:24	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.00	U	0.86	3.00	3.80	ug/Kg
74-87-3	Chloromethane	1.90	U	0.86	1.90	3.80	ug/Kg
75-01-4	Vinyl Chloride	1.90	U	0.59	1.90	3.80	ug/Kg
74-83-9	Bromomethane	3.00	U	0.80	3.00	3.80	ug/Kg
75-00-3	Chloroethane	1.90	U	0.95	1.90	3.80	ug/Kg
75-69-4	Trichlorofluoromethane	3.00	U	0.91	3.00	3.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	U	0.80	1.90	3.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.90	U	0.75	1.90	3.80	ug/Kg
67-64-1	Acetone	12.1	J	3.60	15.0	18.8	ug/Kg
75-15-0	Carbon Disulfide	3.00	U	0.80	3.00	3.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	0.55	1.90	3.80	ug/Kg
79-20-9	Methyl Acetate	3.00	U	1.20	3.00	3.80	ug/Kg
75-09-2	Methylene Chloride	4.70	J	2.70	6.00	7.50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	0.65	1.90	3.80	ug/Kg
75-34-3	1,1-Dichloroethane	1.90	U	0.60	1.90	3.80	ug/Kg
110-82-7	Cyclohexane	1.90	U	0.59	1.90	3.80	ug/Kg
78-93-3	2-Butanone	15.0	U	4.90	15.0	18.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.90	U	0.73	1.90	3.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	0.56	1.90	3.80	ug/Kg
74-97-5	Bromochloromethane	3.00	U	0.86	3.00	3.80	ug/Kg
67-66-3	Chloroform	3.00	U	0.63	3.00	3.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.90	U	0.70	1.90	3.80	ug/Kg
108-87-2	Methylcyclohexane	1.90	U	0.68	1.90	3.80	ug/Kg
71-43-2	Benzene	1.90	U	0.59	1.90	3.80	ug/Kg
107-06-2	1,2-Dichloroethane	1.90	U	0.59	1.90	3.80	ug/Kg
79-01-6	Trichloroethene	1.90	U	0.61	1.90	3.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.90	U	0.68	1.90	3.80	ug/Kg
75-27-4	Bromodichloromethane	1.90	U	0.59	1.90	3.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.40	U	2.70	9.40	18.8	ug/Kg
108-88-3	Toluene	1.90	U	0.59	1.90	3.80	ug/Kg

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-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	7.62 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
VW032086.D	1	08/14/25 12:24	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.90	U	0.49	1.90	3.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.90	U	0.47	1.90	3.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	0.69	1.90	3.80	ug/Kg
591-78-6	2-Hexanone	9.40	U	2.80	9.40	18.8	ug/Kg
124-48-1	Dibromochloromethane	1.90	U	0.65	1.90	3.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.90	U	0.66	1.90	3.80	ug/Kg
127-18-4	Tetrachloroethene	1.90	U	0.79	1.90	3.80	ug/Kg
108-90-7	Chlorobenzene	1.90	U	0.68	1.90	3.80	ug/Kg
100-41-4	Ethyl Benzene	1.90	U	0.50	1.90	3.80	ug/Kg
179601-23-1	m/p-Xylenes	3.80	U	0.93	3.80	7.50	ug/Kg
95-47-6	o-Xylene	1.90	U	0.62	1.90	3.80	ug/Kg
100-42-5	Styrene	1.90	U	0.53	1.90	3.80	ug/Kg
75-25-2	Bromoform	1.90	U	0.65	1.90	3.80	ug/Kg
98-82-8	Isopropylbenzene	1.90	U	0.59	1.90	3.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	0.91	1.90	3.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.30	1.90	3.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.20	1.90	3.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.10	1.90	3.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.00	U	1.40	3.00	3.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	2.20	3.00	3.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	2.40	3.00	3.80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.5		71 - 136		115%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	52.2		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		79 - 119		104%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	158000	7.965				
540-36-3	1,4-Difluorobenzene	312000	8.849				
3114-55-4	Chlorobenzene-d5	306000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	150000	13.556				

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-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.4
Sample Wt/Vol:	7.62 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
VW032086.D	1	08/14/25 12:24	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-1	SDG No.:	Q2820
Lab Sample ID:	Q2820-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	7.8 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
VW032087.D	1	08/14/25 12:46	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.00	U	0.84	3.00	3.70	ug/Kg
74-87-3	Chloromethane	1.80	U	0.84	1.80	3.70	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	0.58	1.80	3.70	ug/Kg
74-83-9	Bromomethane	3.00	U	0.79	3.00	3.70	ug/Kg
75-00-3	Chloroethane	1.80	U	0.93	1.80	3.70	ug/Kg
75-69-4	Trichlorofluoromethane	3.00	U	0.89	3.00	3.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	0.78	1.80	3.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	0.74	1.80	3.70	ug/Kg
67-64-1	Acetone	14.8	U	3.50	14.8	18.5	ug/Kg
75-15-0	Carbon Disulfide	3.00	U	0.78	3.00	3.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	0.54	1.80	3.70	ug/Kg
79-20-9	Methyl Acetate	3.00	U	1.10	3.00	3.70	ug/Kg
75-09-2	Methylene Chloride	5.90	U	2.60	5.90	7.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.80	U	0.64	1.80	3.70	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	0.59	1.80	3.70	ug/Kg
110-82-7	Cyclohexane	1.80	U	0.58	1.80	3.70	ug/Kg
78-93-3	2-Butanone	14.8	U	4.80	14.8	18.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.80	U	0.72	1.80	3.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.80	U	0.55	1.80	3.70	ug/Kg
74-97-5	Bromochloromethane	3.00	U	0.85	3.00	3.70	ug/Kg
67-66-3	Chloroform	3.00	U	0.62	3.00	3.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	0.69	1.80	3.70	ug/Kg
108-87-2	Methylcyclohexane	1.80	U	0.67	1.80	3.70	ug/Kg
71-43-2	Benzene	1.80	U	0.58	1.80	3.70	ug/Kg
107-06-2	1,2-Dichloroethane	1.80	U	0.58	1.80	3.70	ug/Kg
79-01-6	Trichloroethene	1.80	U	0.60	1.80	3.70	ug/Kg
78-87-5	1,2-Dichloropropane	1.80	U	0.67	1.80	3.70	ug/Kg
75-27-4	Bromodichloromethane	1.80	U	0.58	1.80	3.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.20	U	2.60	9.20	18.5	ug/Kg
108-88-3	Toluene	1.80	U	0.58	1.80	3.70	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-1	SDG No.:	Q2820
Lab Sample ID:	Q2820-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	7.8 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
VW032087.D	1	08/14/25 12:46	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.80	U	0.48	1.80	3.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.80	U	0.46	1.80	3.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.80	U	0.68	1.80	3.70	ug/Kg
591-78-6	2-Hexanone	9.20	U	2.70	9.20	18.5	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	0.64	1.80	3.70	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	0.65	1.80	3.70	ug/Kg
127-18-4	Tetrachloroethene	1.80	U	0.78	1.80	3.70	ug/Kg
108-90-7	Chlorobenzene	1.80	U	0.67	1.80	3.70	ug/Kg
100-41-4	Ethyl Benzene	1.80	U	0.49	1.80	3.70	ug/Kg
179601-23-1	m/p-Xylenes	3.70	U	0.92	3.70	7.40	ug/Kg
95-47-6	o-Xylene	1.80	U	0.61	1.80	3.70	ug/Kg
100-42-5	Styrene	1.80	U	0.52	1.80	3.70	ug/Kg
75-25-2	Bromoform	1.80	U	0.64	1.80	3.70	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	0.58	1.80	3.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	0.89	1.80	3.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.30	1.80	3.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.20	1.80	3.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.10	1.80	3.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.00	U	1.40	3.00	3.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	2.20	3.00	3.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	2.30	3.00	3.70	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.1		71 - 136		116%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		78 - 119		113%	SPK: 50
2037-26-5	Toluene-d8	51.4		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	155000	7.965				
540-36-3	1,4-Difluorobenzene	307000	8.855				
3114-55-4	Chlorobenzene-d5	312000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	148000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-1	SDG No.:	Q2820
Lab Sample ID:	Q2820-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.8
Sample Wt/Vol:	7.8 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
VW032087.D	1	08/14/25 12:46	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.8
Sample Wt/Vol:	4.93 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
VW032088.D	1	08/14/25 13:09	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	8.30	U	2.40	8.30	10.4	ug/Kg
74-87-3	Chloromethane	5.20	U	2.40	5.20	10.4	ug/Kg
75-01-4	Vinyl Chloride	5.20	U	1.60	5.20	10.4	ug/Kg
74-83-9	Bromomethane	8.30	U	2.20	8.30	10.4	ug/Kg
75-00-3	Chloroethane	5.20	U	2.60	5.20	10.4	ug/Kg
75-69-4	Trichlorofluoromethane	8.30	U	2.50	8.30	10.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.20	U	2.20	5.20	10.4	ug/Kg
75-35-4	1,1-Dichloroethene	5.20	U	2.10	5.20	10.4	ug/Kg
67-64-1	Acetone	190		9.90	41.6	52.0	ug/Kg
75-15-0	Carbon Disulfide	8.30	U	2.20	8.30	10.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.20	U	1.50	5.20	10.4	ug/Kg
79-20-9	Methyl Acetate	8.30	U	3.20	8.30	10.4	ug/Kg
75-09-2	Methylene Chloride	11.0	J	7.30	16.6	20.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.20	U	1.80	5.20	10.4	ug/Kg
75-34-3	1,1-Dichloroethane	5.20	U	1.70	5.20	10.4	ug/Kg
110-82-7	Cyclohexane	5.20	U	1.60	5.20	10.4	ug/Kg
78-93-3	2-Butanone	36.3	J	13.6	41.6	52.0	ug/Kg
56-23-5	Carbon Tetrachloride	5.20	U	2.00	5.20	10.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.20	U	1.60	5.20	10.4	ug/Kg
74-97-5	Bromochloromethane	8.30	U	2.40	8.30	10.4	ug/Kg
67-66-3	Chloroform	8.30	U	1.70	8.30	10.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.20	U	1.90	5.20	10.4	ug/Kg
108-87-2	Methylcyclohexane	5.20	U	1.90	5.20	10.4	ug/Kg
71-43-2	Benzene	5.20	U	1.60	5.20	10.4	ug/Kg
107-06-2	1,2-Dichloroethane	5.20	U	1.60	5.20	10.4	ug/Kg
79-01-6	Trichloroethene	5.20	U	1.70	5.20	10.4	ug/Kg
78-87-5	1,2-Dichloropropane	5.20	U	1.90	5.20	10.4	ug/Kg
75-27-4	Bromodichloromethane	5.20	U	1.60	5.20	10.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	26.0	U	7.40	26.0	52.0	ug/Kg
108-88-3	Toluene	5.20	U	1.60	5.20	10.4	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.8
Sample Wt/Vol:	4.93 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
VW032088.D	1	08/14/25 13:09	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	5.20	U	1.40	5.20	10.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.20	U	1.30	5.20	10.4	ug/Kg
79-00-5	1,1,2-Trichloroethane	5.20	U	1.90	5.20	10.4	ug/Kg
591-78-6	2-Hexanone	26.0	U	7.70	26.0	52.0	ug/Kg
124-48-1	Dibromochloromethane	5.20	U	1.80	5.20	10.4	ug/Kg
106-93-4	1,2-Dibromoethane	5.20	U	1.80	5.20	10.4	ug/Kg
127-18-4	Tetrachloroethene	5.20	U	2.20	5.20	10.4	ug/Kg
108-90-7	Chlorobenzene	5.20	U	1.90	5.20	10.4	ug/Kg
100-41-4	Ethyl Benzene	5.20	U	1.40	5.20	10.4	ug/Kg
179601-23-1	m/p-Xylenes	10.4	U	2.60	10.4	20.8	ug/Kg
95-47-6	o-Xylene	5.20	U	1.70	5.20	10.4	ug/Kg
100-42-5	Styrene	5.20	U	1.50	5.20	10.4	ug/Kg
75-25-2	Bromoform	5.20	U	1.80	5.20	10.4	ug/Kg
98-82-8	Isopropylbenzene	5.20	U	1.60	5.20	10.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.20	U	2.50	5.20	10.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.20	U	3.60	5.20	10.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.20	U	3.20	5.20	10.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.20	U	3.00	5.20	10.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	8.30	U	3.80	8.30	10.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	8.30	U	6.20	8.30	10.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	8.30	U	6.60	8.30	10.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.5		71 - 136		119%	SPK: 50
1868-53-7	Dibromofluoromethane	56.2		78 - 119		112%	SPK: 50
2037-26-5	Toluene-d8	50.2		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	143000	7.965				
540-36-3	1,4-Difluorobenzene	288000	8.855				
3114-55-4	Chlorobenzene-d5	280000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.8
Sample Wt/Vol:	4.93 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
VW032088.D	1	08/14/25 13:09	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.4
Sample Wt/Vol:	3.48 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
VW032089.D	1	08/14/25 13:31	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	7.40	U	2.10	7.40	9.30	ug/Kg
74-87-3	Chloromethane	4.60	U	2.10	4.60	9.30	ug/Kg
75-01-4	Vinyl Chloride	4.60	U	1.50	4.60	9.30	ug/Kg
74-83-9	Bromomethane	7.40	U	2.00	7.40	9.30	ug/Kg
75-00-3	Chloroethane	4.60	U	2.30	4.60	9.30	ug/Kg
75-69-4	Trichlorofluoromethane	7.40	U	2.20	7.40	9.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.60	U	2.00	4.60	9.30	ug/Kg
75-35-4	1,1-Dichloroethene	4.60	U	1.90	4.60	9.30	ug/Kg
67-64-1	Acetone	180		8.80	37.1	46.4	ug/Kg
75-15-0	Carbon Disulfide	35.5		2.00	7.40	9.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.60	U	1.40	4.60	9.30	ug/Kg
79-20-9	Methyl Acetate	7.40	U	2.90	7.40	9.30	ug/Kg
75-09-2	Methylene Chloride	14.9	U	6.60	14.9	18.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.60	U	1.60	4.60	9.30	ug/Kg
75-34-3	1,1-Dichloroethane	4.60	U	1.50	4.60	9.30	ug/Kg
110-82-7	Cyclohexane	4.60	U	1.50	4.60	9.30	ug/Kg
78-93-3	2-Butanone	37.1	U	12.1	37.1	46.4	ug/Kg
56-23-5	Carbon Tetrachloride	4.60	U	1.80	4.60	9.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.60	U	1.40	4.60	9.30	ug/Kg
74-97-5	Bromochloromethane	7.40	U	2.10	7.40	9.30	ug/Kg
67-66-3	Chloroform	7.40	U	1.60	7.40	9.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.60	U	1.70	4.60	9.30	ug/Kg
108-87-2	Methylcyclohexane	4.60	U	1.70	4.60	9.30	ug/Kg
71-43-2	Benzene	4.60	U	1.50	4.60	9.30	ug/Kg
107-06-2	1,2-Dichloroethane	4.60	U	1.50	4.60	9.30	ug/Kg
79-01-6	Trichloroethene	4.60	U	1.50	4.60	9.30	ug/Kg
78-87-5	1,2-Dichloropropane	4.60	U	1.70	4.60	9.30	ug/Kg
75-27-4	Bromodichloromethane	4.60	U	1.40	4.60	9.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.2	U	6.60	23.2	46.4	ug/Kg
108-88-3	Toluene	4.60	U	1.40	4.60	9.30	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.4
Sample Wt/Vol:	3.48 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
VW032089.D	1	08/14/25 13:31	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	4.60	U	1.20	4.60	9.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.60	U	1.20	4.60	9.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.60	U	1.70	4.60	9.30	ug/Kg
591-78-6	2-Hexanone	23.2	U	6.80	23.2	46.4	ug/Kg
124-48-1	Dibromochloromethane	4.60	U	1.60	4.60	9.30	ug/Kg
106-93-4	1,2-Dibromoethane	4.60	U	1.60	4.60	9.30	ug/Kg
127-18-4	Tetrachloroethene	4.60	U	1.90	4.60	9.30	ug/Kg
108-90-7	Chlorobenzene	4.60	U	1.70	4.60	9.30	ug/Kg
100-41-4	Ethyl Benzene	4.60	U	1.20	4.60	9.30	ug/Kg
179601-23-1	m/p-Xylenes	9.30	U	2.30	9.30	18.6	ug/Kg
95-47-6	o-Xylene	4.60	U	1.50	4.60	9.30	ug/Kg
100-42-5	Styrene	4.60	U	1.30	4.60	9.30	ug/Kg
75-25-2	Bromoform	4.60	U	1.60	4.60	9.30	ug/Kg
98-82-8	Isopropylbenzene	4.60	U	1.40	4.60	9.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.60	U	2.20	4.60	9.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.60	U	3.20	4.60	9.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.60	U	2.90	4.60	9.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.60	U	2.70	4.60	9.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.40	U	3.40	7.40	9.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7.40	U	5.50	7.40	9.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	7.40	U	5.90	7.40	9.30	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.5		71 - 136		109%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	48.4		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.0		79 - 119		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	136000	7.965				
540-36-3	1,4-Difluorobenzene	268000	8.849				
3114-55-4	Chlorobenzene-d5	244000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	97100	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	77.4
Sample Wt/Vol:	3.48 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
VW032089.D	1	08/14/25 13:31	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.6
Sample Wt/Vol:	6.26 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
VW032090.D	1	08/14/25 13:54	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.10	U	1.20	4.10	5.10	ug/Kg
74-87-3	Chloromethane	2.50	U	1.20	2.50	5.10	ug/Kg
75-01-4	Vinyl Chloride	2.50	U	0.80	2.50	5.10	ug/Kg
74-83-9	Bromomethane	4.10	U	1.10	4.10	5.10	ug/Kg
75-00-3	Chloroethane	2.50	U	1.30	2.50	5.10	ug/Kg
75-69-4	Trichlorofluoromethane	4.10	U	1.20	4.10	5.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.50	U	1.10	2.50	5.10	ug/Kg
75-35-4	1,1-Dichloroethene	2.50	U	1.00	2.50	5.10	ug/Kg
67-64-1	Acetone	20.3	U	4.80	20.3	25.4	ug/Kg
75-15-0	Carbon Disulfide	4.10	U	1.10	4.10	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.50	U	0.74	2.50	5.10	ug/Kg
79-20-9	Methyl Acetate	4.10	U	1.60	4.10	5.10	ug/Kg
75-09-2	Methylene Chloride	8.10	U	3.60	8.10	10.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.50	U	0.87	2.50	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	2.50	U	0.81	2.50	5.10	ug/Kg
110-82-7	Cyclohexane	2.50	U	0.80	2.50	5.10	ug/Kg
78-93-3	2-Butanone	20.3	U	6.60	20.3	25.4	ug/Kg
56-23-5	Carbon Tetrachloride	2.50	U	0.99	2.50	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.50	U	0.76	2.50	5.10	ug/Kg
74-97-5	Bromochloromethane	4.10	U	1.20	4.10	5.10	ug/Kg
67-66-3	Chloroform	4.10	U	0.85	4.10	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.50	U	0.95	2.50	5.10	ug/Kg
108-87-2	Methylcyclohexane	2.50	U	0.92	2.50	5.10	ug/Kg
71-43-2	Benzene	2.50	U	0.80	2.50	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	2.50	U	0.80	2.50	5.10	ug/Kg
79-01-6	Trichloroethene	2.50	U	0.82	2.50	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	2.50	U	0.92	2.50	5.10	ug/Kg
75-27-4	Bromodichloromethane	2.50	U	0.79	2.50	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12.7	U	3.60	12.7	25.4	ug/Kg
108-88-3	Toluene	2.50	U	0.79	2.50	5.10	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.6
Sample Wt/Vol:	6.26 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
VW032090.D	1	08/14/25 13:54	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.50	U	0.66	2.50	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.50	U	0.63	2.50	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.50	U	0.93	2.50	5.10	ug/Kg
591-78-6	2-Hexanone	12.7	U	3.70	12.7	25.4	ug/Kg
124-48-1	Dibromochloromethane	2.50	U	0.88	2.50	5.10	ug/Kg
106-93-4	1,2-Dibromoethane	2.50	U	0.89	2.50	5.10	ug/Kg
127-18-4	Tetrachloroethene	2.50	U	1.10	2.50	5.10	ug/Kg
108-90-7	Chlorobenzene	2.50	U	0.92	2.50	5.10	ug/Kg
100-41-4	Ethyl Benzene	2.50	U	0.68	2.50	5.10	ug/Kg
179601-23-1	m/p-Xylenes	5.10	U	1.30	5.10	10.2	ug/Kg
95-47-6	o-Xylene	2.50	U	0.83	2.50	5.10	ug/Kg
100-42-5	Styrene	2.50	U	0.72	2.50	5.10	ug/Kg
75-25-2	Bromoform	2.50	U	0.87	2.50	5.10	ug/Kg
98-82-8	Isopropylbenzene	2.50	U	0.79	2.50	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.50	U	1.20	2.50	5.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	1.70	2.50	5.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	1.60	2.50	5.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.50	U	1.50	2.50	5.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.10	U	1.90	4.10	5.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.10	U	3.00	4.10	5.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.10	U	3.20	4.10	5.10	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.2		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	48.0		85 - 116		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		79 - 119		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	146000	7.965				
540-36-3	1,4-Difluorobenzene	301000	8.855				
3114-55-4	Chlorobenzene-d5	281000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	122000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	78.6
Sample Wt/Vol:	6.26 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
VW032090.D	1	08/14/25 13:54	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	7.14 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
VW032091.D	1	08/14/25 14:16	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.10	U	0.90	3.10	3.90	ug/Kg
74-87-3	Chloromethane	2.00	U	0.90	2.00	3.90	ug/Kg
75-01-4	Vinyl Chloride	2.00	U	0.62	2.00	3.90	ug/Kg
74-83-9	Bromomethane	3.10	U	0.84	3.10	3.90	ug/Kg
75-00-3	Chloroethane	2.00	U	0.99	2.00	3.90	ug/Kg
75-69-4	Trichlorofluoromethane	3.10	U	0.95	3.10	3.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.00	U	0.83	2.00	3.90	ug/Kg
75-35-4	1,1-Dichloroethene	2.00	U	0.79	2.00	3.90	ug/Kg
67-64-1	Acetone	33.9		3.70	15.7	19.7	ug/Kg
75-15-0	Carbon Disulfide	3.10	U	0.83	3.10	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.00	U	0.57	2.00	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	6.60	J	2.80	6.30	7.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.00	U	0.68	2.00	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	2.00	U	0.63	2.00	3.90	ug/Kg
110-82-7	Cyclohexane	2.00	U	0.62	2.00	3.90	ug/Kg
78-93-3	2-Butanone	15.7	U	5.10	15.7	19.7	ug/Kg
56-23-5	Carbon Tetrachloride	2.00	U	0.76	2.00	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.00	U	0.59	2.00	3.90	ug/Kg
74-97-5	Bromochloromethane	3.10	U	0.90	3.10	3.90	ug/Kg
67-66-3	Chloroform	3.10	U	0.66	3.10	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.00	U	0.73	2.00	3.90	ug/Kg
108-87-2	Methylcyclohexane	2.00	U	0.72	2.00	3.90	ug/Kg
71-43-2	Benzene	2.00	U	0.62	2.00	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	2.00	U	0.62	2.00	3.90	ug/Kg
79-01-6	Trichloroethene	2.00	U	0.64	2.00	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	2.00	U	0.72	2.00	3.90	ug/Kg
75-27-4	Bromodichloromethane	2.00	U	0.61	2.00	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.80	U	2.80	9.80	19.7	ug/Kg
108-88-3	Toluene	2.00	U	0.61	2.00	3.90	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	7.14 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
VW032091.D	1	08/14/25 14:16	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.00	U	0.51	2.00	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.00	U	0.49	2.00	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.00	U	0.72	2.00	3.90	ug/Kg
591-78-6	2-Hexanone	9.80	U	2.90	9.80	19.7	ug/Kg
124-48-1	Dibromochloromethane	2.00	U	0.68	2.00	3.90	ug/Kg
106-93-4	1,2-Dibromoethane	2.00	U	0.69	2.00	3.90	ug/Kg
127-18-4	Tetrachloroethene	2.00	U	0.83	2.00	3.90	ug/Kg
108-90-7	Chlorobenzene	2.00	U	0.72	2.00	3.90	ug/Kg
100-41-4	Ethyl Benzene	2.00	U	0.53	2.00	3.90	ug/Kg
179601-23-1	m/p-Xylenes	3.90	U	0.98	3.90	7.90	ug/Kg
95-47-6	o-Xylene	2.00	U	0.65	2.00	3.90	ug/Kg
100-42-5	Styrene	2.00	U	0.56	2.00	3.90	ug/Kg
75-25-2	Bromoform	2.00	U	0.68	2.00	3.90	ug/Kg
98-82-8	Isopropylbenzene	2.00	U	0.61	2.00	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.00	U	0.95	2.00	3.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.00	U	1.30	2.00	3.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	1.20	2.00	3.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.00	U	1.10	2.00	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	59.0		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	59.4		78 - 119		119%	SPK: 50
2037-26-5	Toluene-d8	53.0		85 - 116		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		79 - 119		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	141000	7.959				
540-36-3	1,4-Difluorobenzene	276000	8.855				
3114-55-4	Chlorobenzene-d5	280000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	518R-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	7.14 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
VW032091.D	1	08/14/25 14:16	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	705R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	55.8
Sample Wt/Vol:	6.4 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
VW032092.D	1	08/14/25 14:39	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.60	U	1.60	5.60	7.00	ug/Kg
74-87-3	Chloromethane	3.50	U	1.60	3.50	7.00	ug/Kg
75-01-4	Vinyl Chloride	3.50	U	1.10	3.50	7.00	ug/Kg
74-83-9	Bromomethane	5.60	U	1.50	5.60	7.00	ug/Kg
75-00-3	Chloroethane	3.50	U	1.80	3.50	7.00	ug/Kg
75-69-4	Trichlorofluoromethane	5.60	U	1.70	5.60	7.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.50	U	1.50	3.50	7.00	ug/Kg
75-35-4	1,1-Dichloroethene	3.50	U	1.40	3.50	7.00	ug/Kg
67-64-1	Acetone	30.8	J	6.60	28.0	35.0	ug/Kg
75-15-0	Carbon Disulfide	5.60	U	1.50	5.60	7.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.50	U	1.00	3.50	7.00	ug/Kg
79-20-9	Methyl Acetate	5.60	U	2.20	5.60	7.00	ug/Kg
75-09-2	Methylene Chloride	11.2	U	4.90	11.2	14.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.50	U	1.20	3.50	7.00	ug/Kg
75-34-3	1,1-Dichloroethane	3.50	U	1.10	3.50	7.00	ug/Kg
110-82-7	Cyclohexane	3.50	U	1.10	3.50	7.00	ug/Kg
78-93-3	2-Butanone	28.0	U	9.20	28.0	35.0	ug/Kg
56-23-5	Carbon Tetrachloride	3.50	U	1.40	3.50	7.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	3.50	U	1.10	3.50	7.00	ug/Kg
74-97-5	Bromochloromethane	5.60	U	1.60	5.60	7.00	ug/Kg
67-66-3	Chloroform	5.60	U	1.20	5.60	7.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.50	U	1.30	3.50	7.00	ug/Kg
108-87-2	Methylcyclohexane	3.50	U	1.30	3.50	7.00	ug/Kg
71-43-2	Benzene	3.50	U	1.10	3.50	7.00	ug/Kg
107-06-2	1,2-Dichloroethane	3.50	U	1.10	3.50	7.00	ug/Kg
79-01-6	Trichloroethene	3.50	U	1.10	3.50	7.00	ug/Kg
78-87-5	1,2-Dichloropropane	3.50	U	1.30	3.50	7.00	ug/Kg
75-27-4	Bromodichloromethane	3.50	U	1.10	3.50	7.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	17.5	U	5.00	17.5	35.0	ug/Kg
108-88-3	Toluene	3.50	U	1.10	3.50	7.00	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	705R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	55.8
Sample Wt/Vol:	6.4 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
VW032092.D	1	08/14/25 14:39	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	3.50	U	0.91	3.50	7.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	3.50	U	0.87	3.50	7.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	3.50	U	1.30	3.50	7.00	ug/Kg
591-78-6	2-Hexanone	17.5	U	5.20	17.5	35.0	ug/Kg
124-48-1	Dibromochloromethane	3.50	U	1.20	3.50	7.00	ug/Kg
106-93-4	1,2-Dibromoethane	3.50	U	1.20	3.50	7.00	ug/Kg
127-18-4	Tetrachloroethene	3.50	U	1.50	3.50	7.00	ug/Kg
108-90-7	Chlorobenzene	3.50	U	1.30	3.50	7.00	ug/Kg
100-41-4	Ethyl Benzene	3.50	U	0.94	3.50	7.00	ug/Kg
179601-23-1	m/p-Xylenes	7.00	U	1.70	7.00	14.0	ug/Kg
95-47-6	o-Xylene	3.50	U	1.10	3.50	7.00	ug/Kg
100-42-5	Styrene	3.50	U	0.99	3.50	7.00	ug/Kg
75-25-2	Bromoform	3.50	U	1.20	3.50	7.00	ug/Kg
98-82-8	Isopropylbenzene	3.50	U	1.10	3.50	7.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	3.50	U	1.70	3.50	7.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.50	U	2.40	3.50	7.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.50	U	2.20	3.50	7.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.50	U	2.00	3.50	7.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.60	U	2.60	5.60	7.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.60	U	4.20	5.60	7.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.60	U	4.50	5.60	7.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	65.6		71 - 136		131%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	48.7		85 - 116		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	140000	7.959				
540-36-3	1,4-Difluorobenzene	293000	8.849				
3114-55-4	Chlorobenzene-d5	286000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	130000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	705R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	55.8
Sample Wt/Vol:	6.4 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
VW032092.D	1	08/14/25 14:39	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-2	SDG No.:	Q2820
Lab Sample ID:	Q2820-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.4
Sample Wt/Vol:	5.39 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
VW032093.D	1	08/14/25 15:01	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	7.70	U	2.20	7.70	9.60	ug/Kg
74-87-3	Chloromethane	4.80	U	2.20	4.80	9.60	ug/Kg
75-01-4	Vinyl Chloride	4.80	U	1.50	4.80	9.60	ug/Kg
74-83-9	Bromomethane	7.70	U	2.10	7.70	9.60	ug/Kg
75-00-3	Chloroethane	4.80	U	2.40	4.80	9.60	ug/Kg
75-69-4	Trichlorofluoromethane	7.70	U	2.30	7.70	9.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.80	U	2.00	4.80	9.60	ug/Kg
75-35-4	1,1-Dichloroethene	4.80	U	1.90	4.80	9.60	ug/Kg
67-64-1	Acetone	91.9		9.10	38.3	47.9	ug/Kg
75-15-0	Carbon Disulfide	6.60	J	2.00	7.70	9.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.80	U	1.40	4.80	9.60	ug/Kg
79-20-9	Methyl Acetate	7.70	U	3.00	7.70	9.60	ug/Kg
75-09-2	Methylene Chloride	15.3	U	6.80	15.3	19.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.80	U	1.60	4.80	9.60	ug/Kg
75-34-3	1,1-Dichloroethane	4.80	U	1.50	4.80	9.60	ug/Kg
110-82-7	Cyclohexane	4.80	U	1.50	4.80	9.60	ug/Kg
78-93-3	2-Butanone	38.3	U	12.5	38.3	47.9	ug/Kg
56-23-5	Carbon Tetrachloride	4.80	U	1.90	4.80	9.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.80	U	1.40	4.80	9.60	ug/Kg
74-97-5	Bromochloromethane	7.70	U	2.20	7.70	9.60	ug/Kg
67-66-3	Chloroform	7.70	U	1.60	7.70	9.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.80	U	1.80	4.80	9.60	ug/Kg
108-87-2	Methylcyclohexane	4.80	U	1.70	4.80	9.60	ug/Kg
71-43-2	Benzene	4.80	U	1.50	4.80	9.60	ug/Kg
107-06-2	1,2-Dichloroethane	4.80	U	1.50	4.80	9.60	ug/Kg
79-01-6	Trichloroethene	4.80	U	1.60	4.80	9.60	ug/Kg
78-87-5	1,2-Dichloropropane	4.80	U	1.70	4.80	9.60	ug/Kg
75-27-4	Bromodichloromethane	4.80	U	1.50	4.80	9.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	24.0	U	6.90	24.0	47.9	ug/Kg
108-88-3	Toluene	4.80	U	1.50	4.80	9.60	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-2	SDG No.:	Q2820
Lab Sample ID:	Q2820-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.4
Sample Wt/Vol:	5.39 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
VW032093.D	1	08/14/25 15:01	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	4.80	U	1.20	4.80	9.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.80	U	1.20	4.80	9.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	4.80	U	1.80	4.80	9.60	ug/Kg
591-78-6	2-Hexanone	24.0	U	7.10	24.0	47.9	ug/Kg
124-48-1	Dibromochloromethane	4.80	U	1.70	4.80	9.60	ug/Kg
106-93-4	1,2-Dibromoethane	4.80	U	1.70	4.80	9.60	ug/Kg
127-18-4	Tetrachloroethene	4.80	U	2.00	4.80	9.60	ug/Kg
108-90-7	Chlorobenzene	4.80	U	1.70	4.80	9.60	ug/Kg
100-41-4	Ethyl Benzene	4.80	U	1.30	4.80	9.60	ug/Kg
179601-23-1	m/p-Xylenes	9.60	U	2.40	9.60	19.2	ug/Kg
95-47-6	o-Xylene	4.80	U	1.60	4.80	9.60	ug/Kg
100-42-5	Styrene	4.80	U	1.40	4.80	9.60	ug/Kg
75-25-2	Bromoform	4.80	U	1.60	4.80	9.60	ug/Kg
98-82-8	Isopropylbenzene	4.80	U	1.50	4.80	9.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.80	U	2.30	4.80	9.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.80	U	3.30	4.80	9.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.80	U	3.00	4.80	9.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.80	U	2.80	4.80	9.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.70	U	3.50	7.70	9.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7.70	U	5.70	7.70	9.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	7.70	U	6.10	7.70	9.60	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.4		71 - 136		119%	SPK: 50
1868-53-7	Dibromofluoromethane	56.6		78 - 119		113%	SPK: 50
2037-26-5	Toluene-d8	50.1		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.7		79 - 119		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	7.965				
540-36-3	1,4-Difluorobenzene	266000	8.849				
3114-55-4	Chlorobenzene-d5	258000	11.636				
3855-82-1	1,4-Dichlorobenzene-d4	103000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-2	SDG No.:	Q2820
Lab Sample ID:	Q2820-10	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	48.4
Sample Wt/Vol:	5.39 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
VW032093.D	1	08/14/25 15:01	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.37 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
VW032094.D	1	08/14/25 15:24	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.40	U	0.97	3.40	4.20	ug/Kg
74-87-3	Chloromethane	2.10	U	0.97	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	17.0	U	4.00	17.0	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	17.0	U	5.60	17.0	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	0.64	2.10	4.20	ug/Kg
74-97-5	Bromochloromethane	3.40	U	0.98	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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.37 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
VW032094.D	1	08/14/25 15:24	VW081425

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	0.53	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	0.75	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	1.10	4.20	8.50	ug/Kg
95-47-6	o-Xylene	2.10	U	0.70	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	1.50	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	59.8		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	50.3		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		79 - 119		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	137000	7.959				
540-36-3	1,4-Difluorobenzene	286000	8.849				
3114-55-4	Chlorobenzene-d5	284000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	146000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-11	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.37 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
VW032094.D	1	08/14/25 15:24	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.1
Sample Wt/Vol:	6.37 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
VW032095.D	1	08/14/25 15:47	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.40	U	0.97	3.40	4.30	ug/Kg
74-87-3	Chloromethane	2.10	U	0.97	2.10	4.30	ug/Kg
75-01-4	Vinyl Chloride	2.10	U	0.67	2.10	4.30	ug/Kg
74-83-9	Bromomethane	3.40	U	0.91	3.40	4.30	ug/Kg
75-00-3	Chloroethane	2.10	U	1.10	2.10	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	3.40	U	1.00	3.40	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.10	U	0.90	2.10	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	2.10	U	0.85	2.10	4.30	ug/Kg
67-64-1	Acetone	17.0	U	4.00	17.0	21.3	ug/Kg
75-15-0	Carbon Disulfide	3.40	U	0.90	3.40	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.10	U	0.62	2.10	4.30	ug/Kg
79-20-9	Methyl Acetate	3.40	U	1.30	3.40	4.30	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	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	2.10	U	0.68	2.10	4.30	ug/Kg
110-82-7	Cyclohexane	2.10	U	0.67	2.10	4.30	ug/Kg
78-93-3	2-Butanone	17.0	U	5.60	17.0	21.3	ug/Kg
56-23-5	Carbon Tetrachloride	2.10	U	0.83	2.10	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.10	U	0.64	2.10	4.30	ug/Kg
74-97-5	Bromochloromethane	3.40	U	0.98	3.40	4.30	ug/Kg
67-66-3	Chloroform	3.40	U	0.72	3.40	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.10	U	0.79	2.10	4.30	ug/Kg
108-87-2	Methylcyclohexane	2.10	U	0.78	2.10	4.30	ug/Kg
71-43-2	Benzene	2.10	U	0.67	2.10	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	2.10	U	0.67	2.10	4.30	ug/Kg
79-01-6	Trichloroethene	2.10	U	0.69	2.10	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	2.10	U	0.78	2.10	4.30	ug/Kg
75-27-4	Bromodichloromethane	2.10	U	0.66	2.10	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10.7	U	3.10	10.7	21.3	ug/Kg
108-88-3	Toluene	2.10	U	0.66	2.10	4.30	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.1
Sample Wt/Vol:	6.37 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
VW032095.D	1	08/14/25 15:47	VW081425

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	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.10	U	0.53	2.10	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.10	U	0.78	2.10	4.30	ug/Kg
591-78-6	2-Hexanone	10.7	U	3.10	10.7	21.3	ug/Kg
124-48-1	Dibromochloromethane	2.10	U	0.74	2.10	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	2.10	U	0.75	2.10	4.30	ug/Kg
127-18-4	Tetrachloroethene	2.10	U	0.89	2.10	4.30	ug/Kg
108-90-7	Chlorobenzene	2.10	U	0.78	2.10	4.30	ug/Kg
100-41-4	Ethyl Benzene	2.10	U	0.57	2.10	4.30	ug/Kg
179601-23-1	m/p-Xylenes	4.30	U	1.10	4.30	8.50	ug/Kg
95-47-6	o-Xylene	2.10	U	0.70	2.10	4.30	ug/Kg
100-42-5	Styrene	2.10	U	0.61	2.10	4.30	ug/Kg
75-25-2	Bromoform	2.10	U	0.73	2.10	4.30	ug/Kg
98-82-8	Isopropylbenzene	2.10	U	0.66	2.10	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.10	U	1.00	2.10	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.10	U	1.50	2.10	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.10	U	1.30	2.10	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	1.20	2.10	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.40	U	1.60	3.40	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.40	U	2.50	3.40	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.40	U	2.70	3.40	4.30	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.1		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	56.8		78 - 119		114%	SPK: 50
2037-26-5	Toluene-d8	50.7		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	147000	7.959				
540-36-3	1,4-Difluorobenzene	292000	8.849				
3114-55-4	Chlorobenzene-d5	295000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10PC-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.1
Sample Wt/Vol:	6.37 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
VW032095.D	1	08/14/25 15:47	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	9.13 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
VW032096.D	1	08/14/25 16:10	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.40	U	0.68	2.40	3.00	ug/Kg
74-87-3	Chloromethane	1.50	U	0.68	1.50	3.00	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	0.47	1.50	3.00	ug/Kg
74-83-9	Bromomethane	2.40	U	0.64	2.40	3.00	ug/Kg
75-00-3	Chloroethane	1.50	U	0.76	1.50	3.00	ug/Kg
75-69-4	Trichlorofluoromethane	2.40	U	0.73	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	0.60	1.50	3.00	ug/Kg
67-64-1	Acetone	9.30	J	2.80	12.0	15.0	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	0.92	2.40	3.00	ug/Kg
75-09-2	Methylene Chloride	3.30	J	2.10	4.80	6.00	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	0.48	1.50	3.00	ug/Kg
110-82-7	Cyclohexane	1.50	U	0.47	1.50	3.00	ug/Kg
78-93-3	2-Butanone	12.0	U	3.90	12.0	15.0	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	0.58	1.50	3.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.50	U	0.45	1.50	3.00	ug/Kg
74-97-5	Bromochloromethane	2.40	U	0.69	2.40	3.00	ug/Kg
67-66-3	Chloroform	2.40	U	0.50	2.40	3.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	0.56	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	0.47	1.50	3.00	ug/Kg
107-06-2	1,2-Dichloroethane	1.50	U	0.47	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	7.50	U	2.10	7.50	15.0	ug/Kg
108-88-3	Toluene	1.50	U	0.47	1.50	3.00	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	9.13 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
VW032096.D	1	08/14/25 16:10	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.50	U	0.39	1.50	3.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.50	U	0.37	1.50	3.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	0.55	1.50	3.00	ug/Kg
591-78-6	2-Hexanone	7.50	U	2.20	7.50	15.0	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	0.52	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	0.63	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	0.40	1.50	3.00	ug/Kg
179601-23-1	m/p-Xylenes	3.00	U	0.74	3.00	6.00	ug/Kg
95-47-6	o-Xylene	1.50	U	0.49	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	0.73	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	0.94	1.50	3.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	0.87	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	54.2		71 - 136		108%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	46.6		85 - 116		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		79 - 119		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	154000	7.965				
540-36-3	1,4-Difluorobenzene	317000	8.855				
3114-55-4	Chlorobenzene-d5	348000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	179000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-13	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	91.2
Sample Wt/Vol:	9.13 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
VW032096.D	1	08/14/25 16:10	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	81.3
Sample Wt/Vol:	7.65 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
VW032097.D	1	08/14/25 16:32	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.20	U	0.92	3.20	4.00	ug/Kg
74-87-3	Chloromethane	2.00	U	0.92	2.00	4.00	ug/Kg
75-01-4	Vinyl Chloride	2.00	U	0.64	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	16.1	U	3.80	16.1	20.1	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	0.64	2.00	4.00	ug/Kg
78-93-3	2-Butanone	16.1	U	5.30	16.1	20.1	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	0.68	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	0.64	2.00	4.00	ug/Kg
107-06-2	1,2-Dichloroethane	2.00	U	0.64	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	20.1	ug/Kg
108-88-3	Toluene	2.00	U	0.63	2.00	4.00	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	81.3
Sample Wt/Vol:	7.65 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
VW032097.D	1	08/14/25 16:32	VW081425

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	20.1	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	1.00	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	2.60	3.20	4.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.1		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	47.7		85 - 116		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	132000	7.959				
540-36-3	1,4-Difluorobenzene	288000	8.849				
3114-55-4	Chlorobenzene-d5	286000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	140000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-14	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	81.3
Sample Wt/Vol:	7.65 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
VW032097.D	1	08/14/25 16:32	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	7.75 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
VY023142.D	1	08/19/25 11:44	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.90	U	0.83	2.90	3.60	ug/Kg
74-87-3	Chloromethane	1.80	U	0.83	1.80	3.60	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	0.58	1.80	3.60	ug/Kg
74-83-9	Bromomethane	2.90	U	0.78	2.90	3.60	ug/Kg
75-00-3	Chloroethane	1.80	U	0.92	1.80	3.60	ug/Kg
75-69-4	Trichlorofluoromethane	2.90	U	0.88	2.90	3.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	0.77	1.80	3.60	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	0.73	1.80	3.60	ug/Kg
67-64-1	Acetone	14.6	U	3.50	14.6	18.2	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	0.77	2.90	3.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	0.53	1.80	3.60	ug/Kg
79-20-9	Methyl Acetate	2.90	U	1.10	2.90	3.60	ug/Kg
75-09-2	Methylene Chloride	5.80	U	2.60	5.80	7.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.80	U	0.63	1.80	3.60	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	0.58	1.80	3.60	ug/Kg
110-82-7	Cyclohexane	1.80	U	0.58	1.80	3.60	ug/Kg
78-93-3	2-Butanone	14.6	U	4.80	14.6	18.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.80	U	0.71	1.80	3.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.80	U	0.55	1.80	3.60	ug/Kg
74-97-5	Bromochloromethane	2.90	U	0.84	2.90	3.60	ug/Kg
67-66-3	Chloroform	2.90	U	0.61	2.90	3.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	0.68	1.80	3.60	ug/Kg
108-87-2	Methylcyclohexane	1.80	U	0.66	1.80	3.60	ug/Kg
71-43-2	Benzene	1.80	U	0.58	1.80	3.60	ug/Kg
107-06-2	1,2-Dichloroethane	1.80	U	0.58	1.80	3.60	ug/Kg
79-01-6	Trichloroethene	1.80	U	0.59	1.80	3.60	ug/Kg
78-87-5	1,2-Dichloropropane	1.80	U	0.66	1.80	3.60	ug/Kg
75-27-4	Bromodichloromethane	1.80	U	0.57	1.80	3.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.10	U	2.60	9.10	18.2	ug/Kg
108-88-3	Toluene	1.80	U	0.57	1.80	3.60	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	7.75	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023142.D	1	08/19/25 11:44	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.80	U	0.47	1.80	3.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.80	U	0.45	1.80	3.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.80	U	0.67	1.80	3.60	ug/Kg
591-78-6	2-Hexanone	9.10	U	2.70	9.10	18.2	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	0.63	1.80	3.60	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	0.64	1.80	3.60	ug/Kg
127-18-4	Tetrachloroethene	1.80	U	0.77	1.80	3.60	ug/Kg
108-90-7	Chlorobenzene	1.80	U	0.66	1.80	3.60	ug/Kg
100-41-4	Ethyl Benzene	1.80	U	0.49	1.80	3.60	ug/Kg
179601-23-1	m/p-Xylenes	3.60	U	0.90	3.60	7.30	ug/Kg
95-47-6	o-Xylene	1.80	U	0.60	1.80	3.60	ug/Kg
100-42-5	Styrene	1.80	U	0.52	1.80	3.60	ug/Kg
75-25-2	Bromoform	1.80	U	0.63	1.80	3.60	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	0.57	1.80	3.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	0.88	1.80	3.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.20	1.80	3.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.10	1.80	3.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.10	1.80	3.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	1.30	2.90	3.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.20	2.90	3.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.90	U	2.30	2.90	3.60	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	53.2	71 - 136	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6	78 - 119	105%	SPK: 50
2037-26-5	Toluene-d8	51.2	85 - 116	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2	79 - 119	100%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	633000	7.707
540-36-3	1,4-Difluorobenzene	1170000	8.615
3114-55-4	Chlorobenzene-d5	1040000	11.413
3855-82-1	1,4-Dichlorobenzene-d4	448000	13.346

TENTATIVE IDENTIFIED COMPOUNDS

C

D

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-15	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.5
Sample Wt/Vol:	7.75 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
VY023142.D	1	08/19/25 11:44	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
004057-42-5	2-Octene, 2,6-dimethyl-	11.5	J			12.6	ug/Kg
	unknown12.651	6.90	J			12.7	ug/Kg
	unknown12.730	15.0	J			12.7	ug/Kg
1000195-06-9	3,4-Dimethylpent-2-en-1-ol	9.20	J			13.0	ug/Kg
001678-98-4	Cyclohexane, (2-methylpropyl)-	13.5	J			13.2	ug/Kg
1000372-78-8	Isobutyl undecyl carbonate	6.60	J			13.3	ug/Kg
071186-27-1	1-Ethyl-2,2,6-trimethylcyclohexane	6.10	J			13.5	ug/Kg
000091-17-8	Naphthalene, decahydro-	19.2	J			13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	12.8	J			14.2	ug/Kg
1000155-85-6	cis-Decalin, 2-syn-methyl-	6.20	J			14.3	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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.2
Sample Wt/Vol:	6.08 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
VW032099.D	1	08/14/25 17:17	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.80	U	1.10	3.80	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	0.75	2.40	4.80	ug/Kg
74-83-9	Bromomethane	3.80	U	1.00	3.80	4.80	ug/Kg
75-00-3	Chloroethane	2.40	U	1.20	2.40	4.80	ug/Kg
75-69-4	Trichlorofluoromethane	3.80	U	1.20	3.80	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	0.95	2.40	4.80	ug/Kg
67-64-1	Acetone	19.1	U	4.50	19.1	23.9	ug/Kg
75-15-0	Carbon Disulfide	3.80	U	1.00	3.80	4.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.40	U	0.70	2.40	4.80	ug/Kg
79-20-9	Methyl Acetate	3.80	U	1.50	3.80	4.80	ug/Kg
75-09-2	Methylene Chloride	7.60	U	3.40	7.60	9.50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.40	U	0.82	2.40	4.80	ug/Kg
75-34-3	1,1-Dichloroethane	2.40	U	0.76	2.40	4.80	ug/Kg
110-82-7	Cyclohexane	2.40	U	0.75	2.40	4.80	ug/Kg
78-93-3	2-Butanone	19.1	U	6.20	19.1	23.9	ug/Kg
56-23-5	Carbon Tetrachloride	2.40	U	0.93	2.40	4.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.40	U	0.72	2.40	4.80	ug/Kg
74-97-5	Bromochloromethane	3.80	U	1.10	3.80	4.80	ug/Kg
67-66-3	Chloroform	3.80	U	0.80	3.80	4.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.40	U	0.89	2.40	4.80	ug/Kg
108-87-2	Methylcyclohexane	2.40	U	0.87	2.40	4.80	ug/Kg
71-43-2	Benzene	2.40	U	0.75	2.40	4.80	ug/Kg
107-06-2	1,2-Dichloroethane	2.40	U	0.75	2.40	4.80	ug/Kg
79-01-6	Trichloroethene	2.40	U	0.77	2.40	4.80	ug/Kg
78-87-5	1,2-Dichloropropane	2.40	U	0.87	2.40	4.80	ug/Kg
75-27-4	Bromodichloromethane	2.40	U	0.74	2.40	4.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.9	U	3.40	11.9	23.9	ug/Kg
108-88-3	Toluene	2.40	U	0.74	2.40	4.80	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.2
Sample Wt/Vol:	6.08 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
VW032099.D	1	08/14/25 17:17	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.40	U	0.62	2.40	4.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.40	U	0.59	2.40	4.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.40	U	0.88	2.40	4.80	ug/Kg
591-78-6	2-Hexanone	11.9	U	3.50	11.9	23.9	ug/Kg
124-48-1	Dibromochloromethane	2.40	U	0.83	2.40	4.80	ug/Kg
106-93-4	1,2-Dibromoethane	2.40	U	0.84	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	0.87	2.40	4.80	ug/Kg
100-41-4	Ethyl Benzene	2.40	U	0.64	2.40	4.80	ug/Kg
179601-23-1	m/p-Xylenes	4.80	U	1.20	4.80	9.50	ug/Kg
95-47-6	o-Xylene	2.40	U	0.78	2.40	4.80	ug/Kg
100-42-5	Styrene	2.40	U	0.68	2.40	4.80	ug/Kg
75-25-2	Bromoform	2.40	U	0.82	2.40	4.80	ug/Kg
98-82-8	Isopropylbenzene	2.40	U	0.74	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	1.60	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	3.80	U	1.80	3.80	4.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.80	U	2.80	3.80	4.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.80	U	3.00	3.80	4.80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.6		71 - 136		119%	SPK: 50
1868-53-7	Dibromofluoromethane	55.1		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	50.5		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	140000	7.959				
540-36-3	1,4-Difluorobenzene	294000	8.855				
3114-55-4	Chlorobenzene-d5	292000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	143000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	10P-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-16	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.2
Sample Wt/Vol:	6.08 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
VW032099.D	1	08/14/25 17:17	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.6
Sample Wt/Vol:	6.84 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
VW032100.D	1	08/14/25 17:40	VW081425

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	0.95	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	0.94	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	17.7	U	4.20	17.7	22.1	ug/Kg
75-15-0	Carbon Disulfide	3.50	U	0.94	3.50	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.20	U	0.65	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	7.10	U	3.10	7.10	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	0.71	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	17.7	U	5.80	17.7	22.1	ug/Kg
56-23-5	Carbon Tetrachloride	2.20	U	0.86	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	0.81	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	0.72	2.20	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	2.20	U	0.81	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	11.1	U	3.20	11.1	22.1	ug/Kg
108-88-3	Toluene	2.20	U	0.69	2.20	4.40	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.6
Sample Wt/Vol:	6.84 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
VW032100.D	1	08/14/25 17:40	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.20	U	0.58	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	11.1	U	3.30	11.1	22.1	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	0.78	2.20	4.40	ug/Kg
127-18-4	Tetrachloroethene	2.20	U	0.93	2.20	4.40	ug/Kg
108-90-7	Chlorobenzene	2.20	U	0.81	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	0.73	2.20	4.40	ug/Kg
100-42-5	Styrene	2.20	U	0.63	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	60.2		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	49.1		85 - 116		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.8		79 - 119		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	139000	7.965				
540-36-3	1,4-Difluorobenzene	294000	8.849				
3114-55-4	Chlorobenzene-d5	290000	11.635				
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-17	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	82.6
Sample Wt/Vol:	6.84 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
VW032100.D	1	08/14/25 17:40	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	7.59 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
VW032101.D	1	08/14/25 18:02	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.10	U	0.87	3.10	3.80	ug/Kg
74-87-3	Chloromethane	1.90	U	0.87	1.90	3.80	ug/Kg
75-01-4	Vinyl Chloride	1.90	U	0.60	1.90	3.80	ug/Kg
74-83-9	Bromomethane	3.10	U	0.82	3.10	3.80	ug/Kg
75-00-3	Chloroethane	1.90	U	0.96	1.90	3.80	ug/Kg
75-69-4	Trichlorofluoromethane	3.10	U	0.92	3.10	3.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.90	U	0.81	1.90	3.80	ug/Kg
75-35-4	1,1-Dichloroethene	1.90	U	0.76	1.90	3.80	ug/Kg
67-64-1	Acetone	64.0		3.60	15.3	19.1	ug/Kg
75-15-0	Carbon Disulfide	3.10	U	0.81	3.10	3.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.90	U	0.56	1.90	3.80	ug/Kg
79-20-9	Methyl Acetate	3.10	U	1.20	3.10	3.80	ug/Kg
75-09-2	Methylene Chloride	6.10	U	2.70	6.10	7.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.90	U	0.66	1.90	3.80	ug/Kg
75-34-3	1,1-Dichloroethane	1.90	U	0.61	1.90	3.80	ug/Kg
110-82-7	Cyclohexane	1.90	U	0.60	1.90	3.80	ug/Kg
78-93-3	2-Butanone	6.70	J	5.00	15.3	19.1	ug/Kg
56-23-5	Carbon Tetrachloride	1.90	U	0.74	1.90	3.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.90	U	0.57	1.90	3.80	ug/Kg
74-97-5	Bromochloromethane	3.10	U	0.88	3.10	3.80	ug/Kg
67-66-3	Chloroform	3.10	U	0.64	3.10	3.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.90	U	0.71	1.90	3.80	ug/Kg
108-87-2	Methylcyclohexane	1.90	U	0.69	1.90	3.80	ug/Kg
71-43-2	Benzene	1.90	U	0.60	1.90	3.80	ug/Kg
107-06-2	1,2-Dichloroethane	1.90	U	0.60	1.90	3.80	ug/Kg
79-01-6	Trichloroethene	1.90	U	0.62	1.90	3.80	ug/Kg
78-87-5	1,2-Dichloropropane	1.90	U	0.69	1.90	3.80	ug/Kg
75-27-4	Bromodichloromethane	1.90	U	0.60	1.90	3.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9.50	U	2.70	9.50	19.1	ug/Kg
108-88-3	Toluene	1.90	U	0.60	1.90	3.80	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	7.59 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
VW032101.D	1	08/14/25 18:02	VW081425

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	3.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.90	U	0.47	1.90	3.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.90	U	0.70	1.90	3.80	ug/Kg
591-78-6	2-Hexanone	9.50	U	2.80	9.50	19.1	ug/Kg
124-48-1	Dibromochloromethane	1.90	U	0.66	1.90	3.80	ug/Kg
106-93-4	1,2-Dibromoethane	1.90	U	0.67	1.90	3.80	ug/Kg
127-18-4	Tetrachloroethene	1.90	U	0.80	1.90	3.80	ug/Kg
108-90-7	Chlorobenzene	1.90	U	0.69	1.90	3.80	ug/Kg
100-41-4	Ethyl Benzene	1.90	U	0.51	1.90	3.80	ug/Kg
179601-23-1	m/p-Xylenes	3.80	U	0.95	3.80	7.60	ug/Kg
95-47-6	o-Xylene	1.90	U	0.63	1.90	3.80	ug/Kg
100-42-5	Styrene	1.90	U	0.54	1.90	3.80	ug/Kg
75-25-2	Bromoform	1.90	U	0.66	1.90	3.80	ug/Kg
98-82-8	Isopropylbenzene	1.90	U	0.60	1.90	3.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	0.92	1.90	3.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.90	U	1.30	1.90	3.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.90	U	1.20	1.90	3.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.90	U	1.10	1.90	3.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.10	U	1.40	3.10	3.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.10	U	2.30	3.10	3.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.10	U	2.40	3.10	3.80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	58.4		71 - 136		117%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	50.5		85 - 116		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		79 - 119		106%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	147000	7.959				
540-36-3	1,4-Difluorobenzene	297000	8.856				
3114-55-4	Chlorobenzene-d5	296000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-18	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.3
Sample Wt/Vol:	7.59 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
VW032101.D	1	08/14/25 18:02	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.6
Sample Wt/Vol:	9.63 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
VW032102.D	1	08/14/25 18:25	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.30	U	0.67	2.30	2.90	ug/Kg
74-87-3	Chloromethane	1.50	U	0.67	1.50	2.90	ug/Kg
75-01-4	Vinyl Chloride	1.50	U	0.46	1.50	2.90	ug/Kg
74-83-9	Bromomethane	2.30	U	0.63	2.30	2.90	ug/Kg
75-00-3	Chloroethane	1.50	U	0.74	1.50	2.90	ug/Kg
75-69-4	Trichlorofluoromethane	2.30	U	0.71	2.30	2.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	0.62	1.50	2.90	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	0.59	1.50	2.90	ug/Kg
67-64-1	Acetone	58.9		2.80	11.7	14.7	ug/Kg
75-15-0	Carbon Disulfide	2.30	U	0.62	2.30	2.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.50	U	0.43	1.50	2.90	ug/Kg
79-20-9	Methyl Acetate	2.30	U	0.90	2.30	2.90	ug/Kg
75-09-2	Methylene Chloride	3.80	J	2.10	4.70	5.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.50	U	0.50	1.50	2.90	ug/Kg
75-34-3	1,1-Dichloroethane	1.50	U	0.47	1.50	2.90	ug/Kg
110-82-7	Cyclohexane	1.50	U	0.46	1.50	2.90	ug/Kg
78-93-3	2-Butanone	5.50	J	3.80	11.7	14.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	0.57	1.50	2.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.50	U	0.44	1.50	2.90	ug/Kg
74-97-5	Bromochloromethane	2.30	U	0.67	2.30	2.90	ug/Kg
67-66-3	Chloroform	2.30	U	0.49	2.30	2.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	0.54	1.50	2.90	ug/Kg
108-87-2	Methylcyclohexane	1.50	U	0.53	1.50	2.90	ug/Kg
71-43-2	Benzene	1.50	U	0.46	1.50	2.90	ug/Kg
107-06-2	1,2-Dichloroethane	1.50	U	0.46	1.50	2.90	ug/Kg
79-01-6	Trichloroethene	1.50	U	0.47	1.50	2.90	ug/Kg
78-87-5	1,2-Dichloropropane	1.50	U	0.53	1.50	2.90	ug/Kg
75-27-4	Bromodichloromethane	1.50	U	0.46	1.50	2.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	7.30	U	2.10	7.30	14.7	ug/Kg
108-88-3	Toluene	1.50	U	0.46	1.50	2.90	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.6
Sample Wt/Vol:	9.63 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
VW032102.D	1	08/14/25 18:25	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.50	U	0.38	1.50	2.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.50	U	0.36	1.50	2.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.50	U	0.54	1.50	2.90	ug/Kg
591-78-6	2-Hexanone	7.30	U	2.20	7.30	14.7	ug/Kg
124-48-1	Dibromochloromethane	1.50	U	0.51	1.50	2.90	ug/Kg
106-93-4	1,2-Dibromoethane	1.50	U	0.52	1.50	2.90	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	0.62	1.50	2.90	ug/Kg
108-90-7	Chlorobenzene	1.50	U	0.53	1.50	2.90	ug/Kg
100-41-4	Ethyl Benzene	1.50	U	0.39	1.50	2.90	ug/Kg
179601-23-1	m/p-Xylenes	2.90	U	0.73	2.90	5.90	ug/Kg
95-47-6	o-Xylene	1.50	U	0.48	1.50	2.90	ug/Kg
100-42-5	Styrene	1.50	U	0.42	1.50	2.90	ug/Kg
75-25-2	Bromoform	1.50	U	0.50	1.50	2.90	ug/Kg
98-82-8	Isopropylbenzene	1.50	U	0.46	1.50	2.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	0.71	1.50	2.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.50	U	1.00	1.50	2.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	0.91	1.50	2.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	0.85	1.50	2.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	1.10	2.30	2.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.30	U	1.70	2.30	2.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.30	U	1.90	2.30	2.90	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.5		71 - 136		119%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	50.2		85 - 116		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		79 - 119		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	140000	7.965				
540-36-3	1,4-Difluorobenzene	295000	8.855				
3114-55-4	Chlorobenzene-d5	290000	11.629				
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.556				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-19	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.6
Sample Wt/Vol:	9.63 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
VW032102.D	1	08/14/25 18:25	VW081425

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.6
Sample Wt/Vol:	8.76 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
VW032103.D	1	08/14/25 18:47	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.70	U	0.77	2.70	3.40	ug/Kg
74-87-3	Chloromethane	1.70	U	0.77	1.70	3.40	ug/Kg
75-01-4	Vinyl Chloride	1.70	U	0.53	1.70	3.40	ug/Kg
74-83-9	Bromomethane	2.70	U	0.72	2.70	3.40	ug/Kg
75-00-3	Chloroethane	1.70	U	0.85	1.70	3.40	ug/Kg
75-69-4	Trichlorofluoromethane	2.70	U	0.82	2.70	3.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.70	U	0.72	1.70	3.40	ug/Kg
75-35-4	1,1-Dichloroethene	1.70	U	0.67	1.70	3.40	ug/Kg
67-64-1	Acetone	47.3		3.20	13.5	16.9	ug/Kg
75-15-0	Carbon Disulfide	2.70	U	0.72	2.70	3.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.70	U	0.49	1.70	3.40	ug/Kg
79-20-9	Methyl Acetate	2.70	U	1.00	2.70	3.40	ug/Kg
75-09-2	Methylene Chloride	5.40	U	2.40	5.40	6.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.70	U	0.58	1.70	3.40	ug/Kg
75-34-3	1,1-Dichloroethane	1.70	U	0.54	1.70	3.40	ug/Kg
110-82-7	Cyclohexane	1.70	U	0.53	1.70	3.40	ug/Kg
78-93-3	2-Butanone	13.5	U	4.40	13.5	16.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.70	U	0.65	1.70	3.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.70	U	0.51	1.70	3.40	ug/Kg
74-97-5	Bromochloromethane	2.70	U	0.78	2.70	3.40	ug/Kg
67-66-3	Chloroform	2.70	U	0.57	2.70	3.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.70	U	0.63	1.70	3.40	ug/Kg
108-87-2	Methylcyclohexane	1.70	U	0.61	1.70	3.40	ug/Kg
71-43-2	Benzene	1.70	U	0.53	1.70	3.40	ug/Kg
107-06-2	1,2-Dichloroethane	1.70	U	0.53	1.70	3.40	ug/Kg
79-01-6	Trichloroethene	1.70	U	0.55	1.70	3.40	ug/Kg
78-87-5	1,2-Dichloropropane	1.70	U	0.61	1.70	3.40	ug/Kg
75-27-4	Bromodichloromethane	1.70	U	0.53	1.70	3.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.40	U	2.40	8.40	16.9	ug/Kg
108-88-3	Toluene	1.70	U	0.53	1.70	3.40	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.6
Sample Wt/Vol:	8.76	Units:	g
Soil Aliquot Vol:			uL
GC Column:	RXI-624	ID :	0.25
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032103.D	1	08/14/25 18:47	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.70	U	0.44	1.70	3.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.70	U	0.42	1.70	3.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.70	U	0.62	1.70	3.40	ug/Kg
591-78-6	2-Hexanone	8.40	U	2.50	8.40	16.9	ug/Kg
124-48-1	Dibromochloromethane	1.70	U	0.59	1.70	3.40	ug/Kg
106-93-4	1,2-Dibromoethane	1.70	U	0.59	1.70	3.40	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	0.71	1.70	3.40	ug/Kg
108-90-7	Chlorobenzene	1.70	U	0.61	1.70	3.40	ug/Kg
100-41-4	Ethyl Benzene	1.70	U	0.45	1.70	3.40	ug/Kg
179601-23-1	m/p-Xylenes	3.40	U	0.84	3.40	6.70	ug/Kg
95-47-6	o-Xylene	1.70	U	0.55	1.70	3.40	ug/Kg
100-42-5	Styrene	1.70	U	0.48	1.70	3.40	ug/Kg
75-25-2	Bromoform	1.70	U	0.58	1.70	3.40	ug/Kg
98-82-8	Isopropylbenzene	1.70	U	0.53	1.70	3.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	0.82	1.70	3.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.20	1.70	3.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.70	U	1.10	1.70	3.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.70	U	0.98	1.70	3.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	1.20	2.70	3.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.70	U	2.00	2.70	3.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.70	U	2.10	2.70	3.40	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	60.4	71 - 136	121%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3	78 - 119	111%	SPK: 50
2037-26-5	Toluene-d8	49.9	85 - 116	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3	79 - 119	97%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	146000	7.965
540-36-3	1,4-Difluorobenzene	298000	8.856
3114-55-4	Chlorobenzene-d5	290000	11.636
3855-82-1	1,4-Dichlorobenzene-d4	135000	13.556

TENTATIVE IDENTIFIED COMPOUNDS

C

D

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	88H-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-20	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.6
Sample Wt/Vol:	8.76 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
VW032103.D	1	08/14/25 18:47	VW081425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000075-18-3	Dimethyl sulfide	4.30	J			4.24	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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-21	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.2
Sample Wt/Vol:	7.59 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
VY023118.D	1	08/15/25 11:54	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	2.90	U	0.81	2.90	3.60	ug/Kg
74-87-3	Chloromethane	1.80	U	0.81	1.80	3.60	ug/Kg
75-01-4	Vinyl Chloride	1.80	U	0.56	1.80	3.60	ug/Kg
74-83-9	Bromomethane	2.90	U	0.76	2.90	3.60	ug/Kg
75-00-3	Chloroethane	1.80	U	0.90	1.80	3.60	ug/Kg
75-69-4	Trichlorofluoromethane	2.90	U	0.86	2.90	3.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.80	U	0.76	1.80	3.60	ug/Kg
75-35-4	1,1-Dichloroethene	1.80	U	0.71	1.80	3.60	ug/Kg
67-64-1	Acetone	14.3	U	3.40	14.3	17.9	ug/Kg
75-15-0	Carbon Disulfide	2.90	U	0.76	2.90	3.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.80	U	0.52	1.80	3.60	ug/Kg
79-20-9	Methyl Acetate	2.90	U	1.10	2.90	3.60	ug/Kg
75-09-2	Methylene Chloride	5.70	U	2.50	5.70	7.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.80	U	0.61	1.80	3.60	ug/Kg
75-34-3	1,1-Dichloroethane	1.80	U	0.57	1.80	3.60	ug/Kg
110-82-7	Cyclohexane	1.80	U	0.56	1.80	3.60	ug/Kg
78-93-3	2-Butanone	14.3	U	4.70	14.3	17.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.80	U	0.69	1.80	3.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.80	U	0.54	1.80	3.60	ug/Kg
74-97-5	Bromochloromethane	2.90	U	0.82	2.90	3.60	ug/Kg
67-66-3	Chloroform	2.90	U	0.60	2.90	3.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.80	U	0.66	1.80	3.60	ug/Kg
108-87-2	Methylcyclohexane	1.80	U	0.65	1.80	3.60	ug/Kg
71-43-2	Benzene	1.80	U	0.56	1.80	3.60	ug/Kg
107-06-2	1,2-Dichloroethane	1.80	U	0.56	1.80	3.60	ug/Kg
79-01-6	Trichloroethene	1.80	U	0.58	1.80	3.60	ug/Kg
78-87-5	1,2-Dichloropropane	1.80	U	0.65	1.80	3.60	ug/Kg
75-27-4	Bromodichloromethane	1.80	U	0.56	1.80	3.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	8.90	U	2.60	8.90	17.9	ug/Kg
108-88-3	Toluene	1.80	U	0.56	1.80	3.60	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-21	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.2
Sample Wt/Vol:	7.59 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
VY023118.D	1	08/15/25 11:54	VY081525

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	3.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.80	U	0.44	1.80	3.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.80	U	0.66	1.80	3.60	ug/Kg
591-78-6	2-Hexanone	8.90	U	2.60	8.90	17.9	ug/Kg
124-48-1	Dibromochloromethane	1.80	U	0.62	1.80	3.60	ug/Kg
106-93-4	1,2-Dibromoethane	1.80	U	0.63	1.80	3.60	ug/Kg
127-18-4	Tetrachloroethene	1.80	U	0.75	1.80	3.60	ug/Kg
108-90-7	Chlorobenzene	1.80	U	0.65	1.80	3.60	ug/Kg
100-41-4	Ethyl Benzene	1.80	U	0.48	1.80	3.60	ug/Kg
179601-23-1	m/p-Xylenes	3.60	U	0.89	3.60	7.10	ug/Kg
95-47-6	o-Xylene	1.80	U	0.59	1.80	3.60	ug/Kg
100-42-5	Styrene	1.80	U	0.51	1.80	3.60	ug/Kg
75-25-2	Bromoform	1.80	U	0.61	1.80	3.60	ug/Kg
98-82-8	Isopropylbenzene	1.80	U	0.56	1.80	3.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	0.86	1.80	3.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.80	U	1.20	1.80	3.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.80	U	1.10	1.80	3.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.00	1.80	3.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	1.30	2.90	3.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.90	U	2.10	2.90	3.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.90	U	2.30	2.90	3.60	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.1		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	51.8		85 - 116		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		79 - 119		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	571000	7.707				
540-36-3	1,4-Difluorobenzene	1080000	8.61				
3114-55-4	Chlorobenzene-d5	964000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	388000	13.34				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-N	SDG No.:	Q2820
Lab Sample ID:	Q2820-21	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.2
Sample Wt/Vol:	7.59 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
VY023118.D	1	08/15/25 11:54	VY081525

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-22	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	52.9
Sample Wt/Vol:	8.08 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
VY023119.D	1	08/15/25 12:18	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.70	U	1.30	4.70	5.80	ug/Kg
74-87-3	Chloromethane	2.90	U	1.30	2.90	5.80	ug/Kg
75-01-4	Vinyl Chloride	2.90	U	0.92	2.90	5.80	ug/Kg
74-83-9	Bromomethane	4.70	U	1.30	4.70	5.80	ug/Kg
75-00-3	Chloroethane	2.90	U	1.50	2.90	5.80	ug/Kg
75-69-4	Trichlorofluoromethane	4.70	U	1.40	4.70	5.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.90	U	1.20	2.90	5.80	ug/Kg
75-35-4	1,1-Dichloroethene	2.90	U	1.20	2.90	5.80	ug/Kg
67-64-1	Acetone	18.1	J	5.50	23.4	29.2	ug/Kg
75-15-0	Carbon Disulfide	4.70	J	1.20	4.70	5.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.90	U	0.85	2.90	5.80	ug/Kg
79-20-9	Methyl Acetate	4.70	U	1.80	4.70	5.80	ug/Kg
75-09-2	Methylene Chloride	9.40	U	4.10	9.40	11.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.90	U	1.00	2.90	5.80	ug/Kg
75-34-3	1,1-Dichloroethane	2.90	U	0.94	2.90	5.80	ug/Kg
110-82-7	Cyclohexane	2.90	U	0.92	2.90	5.80	ug/Kg
78-93-3	2-Butanone	23.4	U	7.70	23.4	29.2	ug/Kg
56-23-5	Carbon Tetrachloride	2.90	U	1.10	2.90	5.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.90	U	0.88	2.90	5.80	ug/Kg
74-97-5	Bromochloromethane	4.70	U	1.30	4.70	5.80	ug/Kg
67-66-3	Chloroform	4.70	U	0.98	4.70	5.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.90	U	1.10	2.90	5.80	ug/Kg
108-87-2	Methylcyclohexane	2.90	U	1.10	2.90	5.80	ug/Kg
71-43-2	Benzene	2.90	U	0.92	2.90	5.80	ug/Kg
107-06-2	1,2-Dichloroethane	2.90	U	0.92	2.90	5.80	ug/Kg
79-01-6	Trichloroethene	2.90	U	0.95	2.90	5.80	ug/Kg
78-87-5	1,2-Dichloropropane	2.90	U	1.10	2.90	5.80	ug/Kg
75-27-4	Bromodichloromethane	2.90	U	0.91	2.90	5.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	14.6	U	4.20	14.6	29.2	ug/Kg
108-88-3	Toluene	2.90	U	0.91	2.90	5.80	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-22	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	52.9
Sample Wt/Vol:	8.08 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
VY023119.D	1	08/15/25 12:18	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.90	U	0.76	2.90	5.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.90	U	0.73	2.90	5.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.90	U	1.10	2.90	5.80	ug/Kg
591-78-6	2-Hexanone	14.6	U	4.30	14.6	29.2	ug/Kg
124-48-1	Dibromochloromethane	2.90	U	1.00	2.90	5.80	ug/Kg
106-93-4	1,2-Dibromoethane	2.90	U	1.00	2.90	5.80	ug/Kg
127-18-4	Tetrachloroethene	2.90	U	1.20	2.90	5.80	ug/Kg
108-90-7	Chlorobenzene	2.90	U	1.10	2.90	5.80	ug/Kg
100-41-4	Ethyl Benzene	2.90	U	0.78	2.90	5.80	ug/Kg
179601-23-1	m/p-Xylenes	5.80	U	1.50	5.80	11.7	ug/Kg
95-47-6	o-Xylene	2.90	U	0.96	2.90	5.80	ug/Kg
100-42-5	Styrene	2.90	U	0.83	2.90	5.80	ug/Kg
75-25-2	Bromoform	2.90	U	1.00	2.90	5.80	ug/Kg
98-82-8	Isopropylbenzene	2.90	U	0.91	2.90	5.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.90	U	1.40	2.90	5.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.90	U	2.00	2.90	5.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.90	U	1.80	2.90	5.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.90	U	1.70	2.90	5.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.70	U	2.20	4.70	5.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.70	U	3.50	4.70	5.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.70	U	3.70	4.70	5.80	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	60.8		71 - 136		122%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	51.5		85 - 116		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		79 - 119		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	565000	7.707				
540-36-3	1,4-Difluorobenzene	1080000	8.616				
3114-55-4	Chlorobenzene-d5	920000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	312000	13.34				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-W	SDG No.:	Q2820
Lab Sample ID:	Q2820-22	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	52.9
Sample Wt/Vol:	8.08 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
VY023119.D	1	08/15/25 12:18	VY081525

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-23	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	34
Sample Wt/Vol:	4.45 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
VY023143.D	1	08/19/25 12:07	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	13.2	U	3.80	13.2	16.5	ug/Kg
74-87-3	Chloromethane	8.30	U	3.80	8.30	16.5	ug/Kg
75-01-4	Vinyl Chloride	8.30	U	2.60	8.30	16.5	ug/Kg
74-83-9	Bromomethane	13.2	U	3.50	13.2	16.5	ug/Kg
75-00-3	Chloroethane	8.30	U	4.20	8.30	16.5	ug/Kg
75-69-4	Trichlorofluoromethane	13.2	U	4.00	13.2	16.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	8.30	U	3.50	8.30	16.5	ug/Kg
75-35-4	1,1-Dichloroethene	8.30	U	3.30	8.30	16.5	ug/Kg
67-64-1	Acetone	66.1	U	15.7	66.1	82.6	ug/Kg
75-15-0	Carbon Disulfide	13.2	U	3.50	13.2	16.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	8.30	U	2.40	8.30	16.5	ug/Kg
79-20-9	Methyl Acetate	13.2	U	5.10	13.2	16.5	ug/Kg
75-09-2	Methylene Chloride	26.4	U	11.7	26.4	33.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	8.30	U	2.80	8.30	16.5	ug/Kg
75-34-3	1,1-Dichloroethane	8.30	U	2.60	8.30	16.5	ug/Kg
110-82-7	Cyclohexane	8.30	U	2.60	8.30	16.5	ug/Kg
78-93-3	2-Butanone	66.1	U	21.6	66.1	82.6	ug/Kg
56-23-5	Carbon Tetrachloride	8.30	U	3.20	8.30	16.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	8.30	U	2.50	8.30	16.5	ug/Kg
74-97-5	Bromochloromethane	13.2	U	3.80	13.2	16.5	ug/Kg
67-66-3	Chloroform	13.2	U	2.80	13.2	16.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	8.30	U	3.10	8.30	16.5	ug/Kg
108-87-2	Methylcyclohexane	8.30	U	3.00	8.30	16.5	ug/Kg
71-43-2	Benzene	8.30	U	2.60	8.30	16.5	ug/Kg
107-06-2	1,2-Dichloroethane	8.30	U	2.60	8.30	16.5	ug/Kg
79-01-6	Trichloroethene	8.30	U	2.70	8.30	16.5	ug/Kg
78-87-5	1,2-Dichloropropane	8.30	U	3.00	8.30	16.5	ug/Kg
75-27-4	Bromodichloromethane	8.30	U	2.60	8.30	16.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	41.3	U	11.8	41.3	82.6	ug/Kg
108-88-3	Toluene	8.30	U	2.60	8.30	16.5	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-23	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	34
Sample Wt/Vol:	4.45 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
VY023143.D	1	08/19/25 12:07	VY081925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	8.30	U	2.10	8.30	16.5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	8.30	U	2.00	8.30	16.5	ug/Kg
79-00-5	1,1,2-Trichloroethane	8.30	U	3.00	8.30	16.5	ug/Kg
591-78-6	2-Hexanone	41.3	U	12.2	41.3	82.6	ug/Kg
124-48-1	Dibromochloromethane	8.30	U	2.90	8.30	16.5	ug/Kg
106-93-4	1,2-Dibromoethane	8.30	U	2.90	8.30	16.5	ug/Kg
127-18-4	Tetrachloroethene	8.30	U	3.50	8.30	16.5	ug/Kg
108-90-7	Chlorobenzene	8.30	U	3.00	8.30	16.5	ug/Kg
100-41-4	Ethyl Benzene	8.30	U	2.20	8.30	16.5	ug/Kg
179601-23-1	m/p-Xylenes	16.5	U	4.10	16.5	33.0	ug/Kg
95-47-6	o-Xylene	8.30	U	2.70	8.30	16.5	ug/Kg
100-42-5	Styrene	8.30	U	2.30	8.30	16.5	ug/Kg
75-25-2	Bromoform	8.30	U	2.80	8.30	16.5	ug/Kg
98-82-8	Isopropylbenzene	8.30	U	2.60	8.30	16.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	8.30	U	4.00	8.30	16.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	8.30	U	5.70	8.30	16.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	8.30	U	5.20	8.30	16.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	8.30	U	4.80	8.30	16.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	13.2	U	6.10	13.2	16.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	13.2	U	9.80	13.2	16.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	13.2	U	10.5	13.2	16.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.1		71 - 136		114%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		78 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	50.8		85 - 116		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.4		79 - 119		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	606000	7.707				
540-36-3	1,4-Difluorobenzene	1110000	8.616				
3114-55-4	Chlorobenzene-d5	926000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	307000	13.347				

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-E	SDG No.:	Q2820
Lab Sample ID:	Q2820-23	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	34
Sample Wt/Vol:	4.45 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
VY023143.D	1	08/19/25 12:07	VY081925

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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-24	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	5.99 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
VY023122.D	1	08/15/25 13:28	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	3.80	U	1.10	3.80	4.70	ug/Kg
74-87-3	Chloromethane	2.30	U	1.10	2.30	4.70	ug/Kg
75-01-4	Vinyl Chloride	2.30	U	0.74	2.30	4.70	ug/Kg
74-83-9	Bromomethane	3.80	U	1.00	3.80	4.70	ug/Kg
75-00-3	Chloroethane	2.30	U	1.20	2.30	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	3.80	U	1.10	3.80	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	2.30	U	0.99	2.30	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	2.30	U	0.94	2.30	4.70	ug/Kg
67-64-1	Acetone	8.00	J	4.40	18.8	23.4	ug/Kg
75-15-0	Carbon Disulfide	2.60	J	0.99	3.80	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.30	U	0.68	2.30	4.70	ug/Kg
79-20-9	Methyl Acetate	3.80	U	1.40	3.80	4.70	ug/Kg
75-09-2	Methylene Chloride	7.50	U	3.30	7.50	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	2.30	U	0.81	2.30	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	2.30	U	0.75	2.30	4.70	ug/Kg
110-82-7	Cyclohexane	2.30	U	0.74	2.30	4.70	ug/Kg
78-93-3	2-Butanone	18.8	U	6.10	18.8	23.4	ug/Kg
56-23-5	Carbon Tetrachloride	2.30	U	0.91	2.30	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.30	U	0.70	2.30	4.70	ug/Kg
74-97-5	Bromochloromethane	3.80	U	1.10	3.80	4.70	ug/Kg
67-66-3	Chloroform	3.80	U	0.79	3.80	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.30	U	0.87	2.30	4.70	ug/Kg
108-87-2	Methylcyclohexane	2.30	U	0.85	2.30	4.70	ug/Kg
71-43-2	Benzene	2.30	U	0.74	2.30	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	2.30	U	0.74	2.30	4.70	ug/Kg
79-01-6	Trichloroethene	2.30	U	0.76	2.30	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	2.30	U	0.85	2.30	4.70	ug/Kg
75-27-4	Bromodichloromethane	2.30	U	0.73	2.30	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11.7	U	3.40	11.7	23.4	ug/Kg
108-88-3	Toluene	2.30	U	0.73	2.30	4.70	ug/Kg

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-24	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	5.99	Units:	g
Soil Aliquot Vol:		Final Vol:	5000 uL
		Test:	VOC-TCLVOA-10
GC Column:	RXI-624	Level :	LOW
Prep Method :	ID : 0.25		

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VY023122.D	1	08/15/25 13:28	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2.30	U	0.61	2.30	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.30	U	0.58	2.30	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.30	U	0.86	2.30	4.70	ug/Kg
591-78-6	2-Hexanone	11.7	U	3.50	11.7	23.4	ug/Kg
124-48-1	Dibromochloromethane	2.30	U	0.82	2.30	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	2.30	U	0.83	2.30	4.70	ug/Kg
127-18-4	Tetrachloroethene	2.30	U	0.98	2.30	4.70	ug/Kg
108-90-7	Chlorobenzene	2.30	U	0.85	2.30	4.70	ug/Kg
100-41-4	Ethyl Benzene	2.30	U	0.63	2.30	4.70	ug/Kg
179601-23-1	m/p-Xylenes	4.70	U	1.20	4.70	9.40	ug/Kg
95-47-6	o-Xylene	2.30	U	0.77	2.30	4.70	ug/Kg
100-42-5	Styrene	2.30	U	0.67	2.30	4.70	ug/Kg
75-25-2	Bromoform	2.30	U	0.81	2.30	4.70	ug/Kg
98-82-8	Isopropylbenzene	2.30	U	0.73	2.30	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.30	U	1.10	2.30	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.30	U	1.60	2.30	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	1.50	2.30	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.30	U	1.40	2.30	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	3.80	U	1.70	3.80	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.80	U	2.80	3.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.80	U	3.00	3.80	4.70	ug/Kg

SURROGATES

17060-07-0	1,2-Dichloroethane-d4	55.7	71 - 136	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4	78 - 119	103%	SPK: 50
2037-26-5	Toluene-d8	51.0	85 - 116	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3	79 - 119	97%	SPK: 50

INTERNAL STANDARDS

363-72-4	Pentafluorobenzene	540000	7.707
540-36-3	1,4-Difluorobenzene	1020000	8.609
3114-55-4	Chlorobenzene-d5	889000	11.414
3855-82-1	1,4-Dichlorobenzene-d4	377000	13.34

TENTATIVE IDENTIFIED COMPOUNDS

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-24	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89
Sample Wt/Vol:	5.99 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
VY023122.D	1	08/15/25 13:28	VY081525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000091-17-8	Naphthalene, decahydro-	91.7	J			13.7	ug/Kg
002958-76-1	Naphthalene, decahydro-2-methyl-	150	J			14.2	ug/Kg
002958-75-0	1-Methyldecahydronaphthalene	91.3	J			14.3	ug/Kg
000112-40-3	Dodecane	64.1	J			14.5	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	250	J			14.6	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	310	J			15.1	ug/Kg
000629-50-5	Tridecane	100	J			15.3	ug/Kg
	unknown15.505	150	J			15.5	ug/Kg
003891-98-3	Dodecane, 2,6,10-trimethyl-	100	J			16.0	ug/Kg
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	120	J			16.6	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

LAB CHRONICLE

OrderID:	Q2820	OrderDate:	8/11/2025 12:29:00 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
Q2820-01	82H-S	SOIL	VOC-TCLVOA-10	8260D	08/06/25		08/19/25	08/08/25
Q2820-02	82H-W	SOIL	VOC-TCLVOA-10	8260D	08/06/25		08/14/25	08/08/25
Q2820-03	82H-N	SOIL	VOC-TCLVOA-10	8260D	08/06/25		08/14/25	08/08/25
Q2820-04	SOIL-DUP-1	SOIL	VOC-TCLVOA-10	8260D	08/06/25		08/14/25	08/08/25
Q2820-05	518R-E	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-06	518R-N	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-07	518R-S	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-08	518R-W	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-09	705R-S	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-10	SOIL-DUP-2	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-11	10PC-W	SOIL	VOC-TCLVOA-10	8260D	08/07/25		08/14/25	08/08/25
Q2820-12	10PC-S	SOIL			08/07/25			08/08/25

LAB CHRONICLE

			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-13	10P-W	SOIL			08/07/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-14	10P-E	SOIL			08/07/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-15	10P-S	SOIL			08/07/25		08/08/25
			VOC-TCLVOA-10	8260D		08/19/25	
Q2820-16	10P-N	SOIL			08/07/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-17	88H-E	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-18	88H-N	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-19	88H-W	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-20	88H-S	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/14/25	
Q2820-21	22M-N	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/15/25	
Q2820-22	22M-W	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/15/25	
Q2820-23	22M-E	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/19/25	
Q2820-24	22M-S	SOIL			08/08/25		08/08/25
			VOC-TCLVOA-10	8260D		08/15/25	