

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

**SDG No.:** Q2819  
**Client:** First Environment, Inc.

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

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

**SDG No.:** Q2819

**Client:** First Environment, Inc.

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



# SAMPLE DATA

A

B

C

D

## Report of Analysis

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

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

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

## Report of Analysis

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

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

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

## Report of Analysis

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

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-E                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-02                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.7                 |
| Sample Wt/Vol:     | 7.28      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-E                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-02                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.7                 |
| Sample Wt/Vol:     | 7.28      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/04/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 22BP-E                                    | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-02                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 85.7                         |
| Sample Wt/Vol:     | 7.28      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-W                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-03                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.8                 |
| Sample Wt/Vol:     | 7.53      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-W                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-03                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.8                 |
| Sample Wt/Vol:     | 7.53      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/04/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 22BP-W                                    | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-03                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 85.8                         |
| Sample Wt/Vol:     | 7.53      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-S                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-04                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 88.1                 |
| Sample Wt/Vol:     | 5.68      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/04/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 22BP-S                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-04                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 88.1                 |
| Sample Wt/Vol:     | 5.68      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/04/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 22BP-S                                    | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-04                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 88.1                         |
| Sample Wt/Vol:     | 5.68      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-05                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 91.5                 |
| Sample Wt/Vol:     | 6.21      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-05                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 91.5                 |
| Sample Wt/Vol:     | 6.21      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 11M-W                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-05                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 91.5                         |
| Sample Wt/Vol:     | 6.21      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-06                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 90.5                 |
| Sample Wt/Vol:     | 5.71      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-06                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 90.5                 |
| Sample Wt/Vol:     | 5.71      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-06                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 90.5                 |
| Sample Wt/Vol:     | 5.71      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-N                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-07                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 75.9                 |
| Sample Wt/Vol:     | 6.32      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Client:            | First Environment, Inc. | Date Collected: | 08/05/25      |
| Project:           | USACE018-44 DOD         | Date Received:  | 08/08/25      |
| Client Sample ID:  | 11M-N                   | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-07                | Matrix:         | SOIL          |
| Analytical Method: | 8260D                   | % Solid:        | 75.9          |
| Sample Wt/Vol:     | 6.32                    | Units:          | g             |
| Soil Aliquot Vol:  |                         |                 | uL            |
| GC Column:         | RXI-624                 | Final Vol:      | 5000          |
| Prep Method :      | ID : 0.25               | Test:           | VOC-TCLVOA-10 |
|                    |                         | Level :         | LOW           |

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

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|-------|-----------|------|------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 2.60  | U         | 0.68 | 2.60 | 5.20       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 2.60  | U         | 0.65 | 2.60 | 5.20       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 2.60  | U         | 0.96 | 2.60 | 5.20       | ug/Kg             |
| 591-78-6    | 2-Hexanone                  | 13.0  | U         | 3.80 | 13.0 | 26.1       | ug/Kg             |
| 124-48-1    | Dibromochloromethane        | 2.60  | U         | 0.91 | 2.60 | 5.20       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 2.60  | U         | 0.92 | 2.60 | 5.20       | ug/Kg             |
| 127-18-4    | Tetrachloroethene           | 2.60  | U         | 1.10 | 2.60 | 5.20       | ug/Kg             |
| 108-90-7    | Chlorobenzene               | 2.60  | U         | 0.95 | 2.60 | 5.20       | ug/Kg             |
| 100-41-4    | Ethyl Benzene               | 54.8  |           | 0.70 | 2.60 | 5.20       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 190   |           | 1.30 | 5.20 | 10.4       | ug/Kg             |
| 95-47-6     | o-Xylene                    | 85.7  |           | 0.85 | 2.60 | 5.20       | ug/Kg             |
| 100-42-5    | Styrene                     | 2.60  | U         | 0.74 | 2.60 | 5.20       | ug/Kg             |
| 75-25-2     | Bromoform                   | 2.60  | U         | 0.90 | 2.60 | 5.20       | ug/Kg             |
| 98-82-8     | Isopropylbenzene            | 89.9  |           | 0.81 | 2.60 | 5.20       | ug/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 2.60  | U         | 1.30 | 2.60 | 5.20       | ug/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 2.60  | U         | 1.80 | 2.60 | 5.20       | ug/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 2.60  | U         | 1.60 | 2.60 | 5.20       | ug/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 2.60  | U         | 1.50 | 2.60 | 5.20       | ug/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 4.20  | U         | 1.90 | 4.20 | 5.20       | ug/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 4.20  | U         | 3.10 | 4.20 | 5.20       | ug/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 4.20  | U         | 3.30 | 4.20 | 5.20       | ug/Kg             |

## SURROGATES

|            |                       |      |          |      |         |
|------------|-----------------------|------|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 66.6 | 71 - 136 | 133% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 55.2 | 78 - 119 | 110% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 51.4 | 85 - 116 | 103% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 50.4 | 79 - 119 | 101% | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 363-72-4  | Pentafluorobenzene     | 499000 | 7.707  |
| 540-36-3  | 1,4-Difluorobenzene    | 998000 | 8.609  |
| 3114-55-4 | Chlorobenzene-d5       | 877000 | 11.414 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 339000 | 13.34  |

### TENTATIVE IDENTIFIED COMPOUNDS

C

D

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 11M-N                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-07                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 75.9                 |
| Sample Wt/Vol:     | 6.32      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

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

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

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

## Report of Analysis

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

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

| CAS Number                | Parameter                   | Conc.   | Qualifier | MDL      | LOD  | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|-----------------------------|---------|-----------|----------|------|------------|-------------------|
| 10061-02-6                | t-1,3-Dichloropropene       | 3.20    | U         | 0.83     | 3.20 | 6.40       | ug/Kg             |
| 10061-01-5                | cis-1,3-Dichloropropene     | 3.20    | U         | 0.79     | 3.20 | 6.40       | ug/Kg             |
| 79-00-5                   | 1,1,2-Trichloroethane       | 3.20    | U         | 1.20     | 3.20 | 6.40       | ug/Kg             |
| 591-78-6                  | 2-Hexanone                  | 15.9    | U         | 4.70     | 15.9 | 31.8       | ug/Kg             |
| 124-48-1                  | Dibromochloromethane        | 3.20    | U         | 1.10     | 3.20 | 6.40       | ug/Kg             |
| 106-93-4                  | 1,2-Dibromoethane           | 3.20    | U         | 1.10     | 3.20 | 6.40       | ug/Kg             |
| 127-18-4                  | Tetrachloroethene           | 3.20    | U         | 1.30     | 3.20 | 6.40       | ug/Kg             |
| 108-90-7                  | Chlorobenzene               | 3.20    | U         | 1.20     | 3.20 | 6.40       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene               | 3.20    | U         | 0.85     | 3.20 | 6.40       | ug/Kg             |
| 179601-23-1               | m/p-Xylenes                 | 6.40    | U         | 1.60     | 6.40 | 12.7       | ug/Kg             |
| 95-47-6                   | o-Xylene                    | 3.20    | U         | 1.00     | 3.20 | 6.40       | ug/Kg             |
| 100-42-5                  | Styrene                     | 3.20    | U         | 0.90     | 3.20 | 6.40       | ug/Kg             |
| 75-25-2                   | Bromoform                   | 3.20    | U         | 1.10     | 3.20 | 6.40       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene            | 3.20    | U         | 0.99     | 3.20 | 6.40       | ug/Kg             |
| 79-34-5                   | 1,1,2,2-Tetrachloroethane   | 3.20    | U         | 1.50     | 3.20 | 6.40       | ug/Kg             |
| 541-73-1                  | 1,3-Dichlorobenzene         | 3.20    | U         | 2.20     | 3.20 | 6.40       | ug/Kg             |
| 106-46-7                  | 1,4-Dichlorobenzene         | 3.20    | U         | 2.00     | 3.20 | 6.40       | ug/Kg             |
| 95-50-1                   | 1,2-Dichlorobenzene         | 3.20    | U         | 1.80     | 3.20 | 6.40       | ug/Kg             |
| 96-12-8                   | 1,2-Dibromo-3-Chloropropane | 5.10    | U         | 2.30     | 5.10 | 6.40       | ug/Kg             |
| 120-82-1                  | 1,2,4-Trichlorobenzene      | 5.10    | U         | 3.80     | 5.10 | 6.40       | ug/Kg             |
| 87-61-6                   | 1,2,3-Trichlorobenzene      | 5.10    | U         | 4.00     | 5.10 | 6.40       | ug/Kg             |
| <b>SURROGATES</b>         |                             |         |           |          |      |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4       | 62.9    |           | 71 - 136 |      | 126%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane        | 53.6    |           | 78 - 119 |      | 107%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8                  | 51.3    |           | 85 - 116 |      | 103%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene        | 44.9    |           | 79 - 119 |      | 90%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                             |         |           |          |      |            |                   |
| 363-72-4                  | Pentafluorobenzene          | 520000  | 7.707     |          |      |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene         | 1040000 | 8.609     |          |      |            |                   |
| 3114-55-4                 | Chlorobenzene-d5            | 905000  | 11.407    |          |      |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 339000  | 13.34     |          |      |            |                   |

### TENTATIVE IDENTIFIED COMPOUNDS

## Report of Analysis

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

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-E                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-09                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 37.6                 |
| Sample Wt/Vol:     | 4.41      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Client:            | First Environment, Inc. | Date Collected: | 08/05/25      |
| Project:           | USACE018-44 DOD         | Date Received:  | 08/08/25      |
| Client Sample ID:  | 84SB-E                  | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-09                | Matrix:         | SOIL          |
| Analytical Method: | 8260D                   | % Solid:        | 37.6          |
| Sample Wt/Vol:     | 4.41                    | Units:          | g             |
| Soil Aliquot Vol:  |                         |                 | uL            |
| GC Column:         | RXI-624                 | Final Vol:      | 5000          |
| Prep Method :      | ID : 0.25               | Test:           | VOC-TCLVOA-10 |
|                    |                         | Level :         | LOW           |

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

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|-------|-----------|------|------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 7.50  | U         | 2.00 | 7.50 | 15.1       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 7.50  | U         | 1.90 | 7.50 | 15.1       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 7.50  | U         | 2.80 | 7.50 | 15.1       | ug/Kg             |
| 591-78-6    | 2-Hexanone                  | 37.7  | U         | 11.1 | 37.7 | 75.4       | ug/Kg             |
| 124-48-1    | Dibromochloromethane        | 7.50  | U         | 2.60 | 7.50 | 15.1       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 7.50  | U         | 2.70 | 7.50 | 15.1       | ug/Kg             |
| 127-18-4    | Tetrachloroethene           | 7.50  | U         | 3.20 | 7.50 | 15.1       | ug/Kg             |
| 108-90-7    | Chlorobenzene               | 7.50  | U         | 2.70 | 7.50 | 15.1       | ug/Kg             |
| 100-41-4    | Ethyl Benzene               | 7.50  | U         | 2.00 | 7.50 | 15.1       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 15.1  | U         | 3.70 | 15.1 | 30.2       | ug/Kg             |
| 95-47-6     | o-Xylene                    | 7.50  | U         | 2.50 | 7.50 | 15.1       | ug/Kg             |
| 100-42-5    | Styrene                     | 7.50  | U         | 2.10 | 7.50 | 15.1       | ug/Kg             |
| 75-25-2     | Bromoform                   | 7.50  | U         | 2.60 | 7.50 | 15.1       | ug/Kg             |
| 98-82-8     | Isopropylbenzene            | 7.50  | U         | 2.40 | 7.50 | 15.1       | ug/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 7.50  | U         | 3.60 | 7.50 | 15.1       | ug/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 7.50  | U         | 5.20 | 7.50 | 15.1       | ug/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 7.50  | U         | 4.70 | 7.50 | 15.1       | ug/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 7.50  | U         | 4.40 | 7.50 | 15.1       | ug/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 12.1  | U         | 5.50 | 12.1 | 15.1       | ug/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 12.1  | U         | 9.00 | 12.1 | 15.1       | ug/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 12.1  | U         | 9.60 | 12.1 | 15.1       | ug/Kg             |

## SURROGATES

|            |                       |      |          |      |         |
|------------|-----------------------|------|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 66.0 | 71 - 136 | 132% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 54.2 | 78 - 119 | 108% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 51.6 | 85 - 116 | 103% | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 43.8 | 79 - 119 | 88%  | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |         |        |
|-----------|------------------------|---------|--------|
| 363-72-4  | Pentafluorobenzene     | 542000  | 7.707  |
| 540-36-3  | 1,4-Difluorobenzene    | 1070000 | 8.61   |
| 3114-55-4 | Chlorobenzene-d5       | 903000  | 11.414 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 305000  | 13.34  |

### TENTATIVE IDENTIFIED COMPOUNDS

C

**D**

## Report of Analysis

|                    |                                   |                 |                              |
|--------------------|-----------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 84SB-E                            | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-09                          | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                             | % Solid:        | 37.6                         |
| Sample Wt/Vol:     | 4.41      Units:    g             | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                   |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-S                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-10                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.3                 |
| Sample Wt/Vol:     | 5.52      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-S                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-10                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.3                 |
| Sample Wt/Vol:     | 5.52      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 84SB-S                                    | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-10                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 92.3                         |
| Sample Wt/Vol:     | 5.52      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-SRE                          | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-10RE                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.3                 |
| Sample Wt/Vol:     | 4.96      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-SRE                          | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-10RE                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.3                 |
| Sample Wt/Vol:     | 4.96      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 84SB-SRE                                  | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-10RE                                | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 92.3                         |
| Sample Wt/Vol:     | 4.96      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-W                            | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-11                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.8                 |
| Sample Wt/Vol:     | 5.46      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Client:            | First Environment, Inc. | Date Collected: | 08/05/25      |
| Project:           | USACE018-44 DOD         | Date Received:  | 08/08/25      |
| Client Sample ID:  | 84SB-W                  | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-11                | Matrix:         | SOIL          |
| Analytical Method: | 8260D                   | % Solid:        | 86.8          |
| Sample Wt/Vol:     | 5.46                    | Units:          | g             |
| Soil Aliquot Vol:  |                         |                 | uL            |
| GC Column:         | RXI-624                 | Final Vol:      | 5000          |
| Prep Method :      | ID : 0.25               | Test:           | VOC-TCLVOA-10 |
|                    |                         | Level :         | LOW           |

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

| CAS Number  | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units(Dry Weight) |
|-------------|-----------------------------|-------|-----------|------|------|------------|-------------------|
| 10061-02-6  | t-1,3-Dichloropropene       | 2.60  | U         | 0.69 | 2.60 | 5.30       | ug/Kg             |
| 10061-01-5  | cis-1,3-Dichloropropene     | 2.60  | U         | 0.65 | 2.60 | 5.30       | ug/Kg             |
| 79-00-5     | 1,1,2-Trichloroethane       | 2.60  | U         | 0.97 | 2.60 | 5.30       | ug/Kg             |
| 591-78-6    | 2-Hexanone                  | 13.2  | U         | 3.90 | 13.2 | 26.4       | ug/Kg             |
| 124-48-1    | Dibromochloromethane        | 2.60  | U         | 0.92 | 2.60 | 5.30       | ug/Kg             |
| 106-93-4    | 1,2-Dibromoethane           | 2.60  | U         | 0.93 | 2.60 | 5.30       | ug/Kg             |
| 127-18-4    | Tetrachloroethene           | 2.60  | U         | 1.10 | 2.60 | 5.30       | ug/Kg             |
| 108-90-7    | Chlorobenzene               | 2.60  | U         | 0.96 | 2.60 | 5.30       | ug/Kg             |
| 100-41-4    | Ethyl Benzene               | 2.60  | U         | 0.71 | 2.60 | 5.30       | ug/Kg             |
| 179601-23-1 | m/p-Xylenes                 | 5.30  | U         | 1.30 | 5.30 | 10.6       | ug/Kg             |
| 95-47-6     | o-Xylene                    | 2.60  | U         | 0.87 | 2.60 | 5.30       | ug/Kg             |
| 100-42-5    | Styrene                     | 2.60  | U         | 0.75 | 2.60 | 5.30       | ug/Kg             |
| 75-25-2     | Bromoform                   | 2.60  | U         | 0.91 | 2.60 | 5.30       | ug/Kg             |
| 98-82-8     | Isopropylbenzene            | 2.60  | U         | 0.82 | 2.60 | 5.30       | ug/Kg             |
| 79-34-5     | 1,1,2,2-Tetrachloroethane   | 2.60  | U         | 1.30 | 2.60 | 5.30       | ug/Kg             |
| 541-73-1    | 1,3-Dichlorobenzene         | 2.60  | U         | 1.80 | 2.60 | 5.30       | ug/Kg             |
| 106-46-7    | 1,4-Dichlorobenzene         | 2.60  | U         | 1.60 | 2.60 | 5.30       | ug/Kg             |
| 95-50-1     | 1,2-Dichlorobenzene         | 2.60  | U         | 1.50 | 2.60 | 5.30       | ug/Kg             |
| 96-12-8     | 1,2-Dibromo-3-Chloropropane | 4.20  | U         | 1.90 | 4.20 | 5.30       | ug/Kg             |
| 120-82-1    | 1,2,4-Trichlorobenzene      | 4.20  | U         | 3.10 | 4.20 | 5.30       | ug/Kg             |
| 87-61-6     | 1,2,3-Trichlorobenzene      | 4.20  | U         | 3.40 | 4.20 | 5.30       | ug/Kg             |

## SURROGATES

|            |                       |      |   |          |      |         |
|------------|-----------------------|------|---|----------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-d4 | 53.1 |   | 71 - 136 | 106% | SPK: 50 |
| 1868-53-7  | Dibromofluoromethane  | 54.4 |   | 78 - 119 | 109% | SPK: 50 |
| 2037-26-5  | Toluene-d8            | 49.1 |   | 85 - 116 | 98%  | SPK: 50 |
| 460-00-4   | 4-Bromofluorobenzene  | 37.8 | * | 79 - 119 | 76%  | SPK: 50 |

## INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 363-72-4  | Pentafluorobenzene     | 154000 | 7.707  |
| 540-36-3  | 1,4-Difluorobenzene    | 260000 | 8.61   |
| 3114-55-4 | Chlorobenzene-d5       | 197000 | 11.408 |
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 66800  | 13.34  |

### TENTATIVE IDENTIFIED COMPOUNDS

C

D

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 84SB-W                                    | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-11                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 86.8                         |
| Sample Wt/Vol:     | 5.46      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-WRE                          | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-11RE                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.8                 |
| Sample Wt/Vol:     | 6.93      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 84SB-WRE                          | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-11RE                        | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.8                 |
| Sample Wt/Vol:     | 6.93      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 84SB-WRE                                  | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-11RE                                | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 86.8                         |
| Sample Wt/Vol:     | 6.93      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-12                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 93.4                 |
| Sample Wt/Vol:     | 6.51      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-12                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 93.4                 |
| Sample Wt/Vol:     | 6.51      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 17M-S                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-12                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 93.4                         |
| Sample Wt/Vol:     | 6.51      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-13                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.7                 |
| Sample Wt/Vol:     | 6.51      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-13                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.7                 |
| Sample Wt/Vol:     | 6.51      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 17M-E                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-13                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 83.7                         |
| Sample Wt/Vol:     | 6.51      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-14                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.6                 |
| Sample Wt/Vol:     | 6.72      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-14                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 85.6                 |
| Sample Wt/Vol:     | 6.72      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/05/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 17M-W                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-14                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 85.6                         |
| Sample Wt/Vol:     | 6.72      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-N                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-15                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.3                 |
| Sample Wt/Vol:     | 6.06      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/05/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 17M-N                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-15                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 83.3                 |
| Sample Wt/Vol:     | 6.06      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Client:            | First Environment, Inc. | Date Collected: | 08/05/25      |
| Project:           | USACE018-44 DOD         | Date Received:  | 08/08/25      |
| Client Sample ID:  | 17M-N                   | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-15                | Matrix:         | SOIL          |
| Analytical Method: | 8260D                   | % Solid:        | 83.3          |
| Sample Wt/Vol:     | 6.06                    | Units:          | g             |
| 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 |
| VY023091.D        | 1         | 08/14/25 13:37 | VY081425      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-16                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.4                 |
| Sample Wt/Vol:     | 6.62      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-S                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-16                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 92.4                 |
| Sample Wt/Vol:     | 6.62      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/06/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 38M-S                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-16                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 92.4                         |
| Sample Wt/Vol:     | 6.62      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                           |                 |               |
|--------------------|---------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.   | Date Collected: | 08/06/25      |
| Project:           | USACE018-44 DOD           | Date Received:  | 08/08/25      |
| Client Sample ID:  | 38M-N                     | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-17                  | Matrix:         | SOIL          |
| Analytical Method: | 8260D                     | % Solid:        | 87.5          |
| Sample Wt/Vol:     | 9.4      Units:    g      | Final Vol:      | 5000      uL  |
| Soil Aliquot Vol:  | uL                        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624      ID :    0.25 | Level :         | LOW           |
| Prep Method :      |                           |                 |               |

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

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

## Report of Analysis

|                    |                           |                 |               |
|--------------------|---------------------------|-----------------|---------------|
| Client:            | First Environment, Inc.   | Date Collected: | 08/06/25      |
| Project:           | USACE018-44 DOD           | Date Received:  | 08/08/25      |
| Client Sample ID:  | 38M-N                     | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-17                  | Matrix:         | SOIL          |
| Analytical Method: | 8260D                     | % Solid:        | 87.5          |
| Sample Wt/Vol:     | 9.4      Units:    g      | Final Vol:      | 5000      uL  |
| Soil Aliquot Vol:  | uL                        | Test:           | VOC-TCLVOA-10 |
| GC Column:         | RXI-624      ID :    0.25 | Level :         | LOW           |
| Prep Method :      |                           |                 |               |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/06/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 38M-N                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-17                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 87.5                         |
| Sample Wt/Vol:     | 9.4      Units:    g                      | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-18                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.3                 |
| Sample Wt/Vol:     | 9.39      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-W                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-18                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 86.3                 |
| Sample Wt/Vol:     | 9.39      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/06/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 38M-W                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-18                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 86.3                         |
| Sample Wt/Vol:     | 9.39      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-19                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 87.8                 |
| Sample Wt/Vol:     | 6.73      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 38M-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-19                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 87.8                 |
| Sample Wt/Vol:     | 6.73      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                           |                 |                              |
|--------------------|-------------------------------------------|-----------------|------------------------------|
| Client:            | First Environment, Inc.                   | Date Collected: | 08/06/25                     |
| Project:           | USACE018-44 DOD                           | Date Received:  | 08/08/25                     |
| Client Sample ID:  | 38M-E                                     | SDG No.:        | Q2819                        |
| Lab Sample ID:     | Q2819-19                                  | Matrix:         | SOIL                         |
| Analytical Method: | 8260D                                     | % Solid:        | 87.8                         |
| Sample Wt/Vol:     | 6.73      Units:    g                     | Final Vol:      | 5000                      uL |
| Soil Aliquot Vol:  | uL                                        | Test:           | VOC-TCLVOA-10                |
| GC Column:         | RXI-624                      ID :    0.25 | Level :         | LOW                          |
| Prep Method :      |                                           |                 |                              |

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

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

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 82H-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-20                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 77.2                 |
| Sample Wt/Vol:     | 7.36      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | First Environment, Inc.           | Date Collected: | 08/06/25             |
| Project:           | USACE018-44 DOD                   | Date Received:  | 08/08/25             |
| Client Sample ID:  | 82H-E                             | SDG No.:        | Q2819                |
| Lab Sample ID:     | Q2819-20                          | Matrix:         | SOIL                 |
| Analytical Method: | 8260D                             | % Solid:        | 77.2                 |
| Sample Wt/Vol:     | 7.36      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOC-TCLVOA-10        |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

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

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

## Report of Analysis

|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Client:            | First Environment, Inc. | Date Collected: | 08/06/25      |
| Project:           | USACE018-44 DOD         | Date Received:  | 08/08/25      |
| Client Sample ID:  | 82H-E                   | SDG No.:        | Q2819         |
| Lab Sample ID:     | Q2819-20                | Matrix:         | SOIL          |
| Analytical Method: | 8260D                   | % Solid:        | 77.2          |
| Sample Wt/Vol:     | 7.36                    | Units:          | g             |
| 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 |
| VY023144.D        | 1         | 08/19/25 12:31 | VY081925      |

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

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## LAB CHRONICLE

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

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

### LAB CHRONICLE

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