



|                    |                                        |                 |                            |
|--------------------|----------------------------------------|-----------------|----------------------------|
| Client:            | JACOBS Engineering Group, Inc.         | Date Collected: | 08/13/24                   |
| Project:           | Former Schlumberger Site Princeton NJ  | Date Received:  | 08/13/24                   |
| Client Sample ID:  | 918-J-WS-081324-FD                     | SDG No.:        | P3596                      |
| Lab Sample ID:     | P3596-02                               | Matrix:         | Water                      |
| Analytical Method: | SW8260                                 | % Solid:        | 0                          |
| Sample Wt/Vol:     | 5                    Units:      mL    | Final Vol:      | 5000                    uL |
| Soil Aliquot Vol:  | uL                                     | Test:           | VOCMS Group6               |
| GC Column:         | RXI-624                    ID :   0.25 | Level :         | LOW                        |
| Prep Method :      |                                        |                 |                            |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
|-------------------|-----------|-----------|----------------|---------------|
| VN083310.D        | 1         |           | 08/14/24 18:54 | VN081424      |

| CAS Number     | Parameter                      | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|--------------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                                |       |           |      |            |       |
| 75-71-8        | Dichlorodifluoromethane        | 0.21  | U         | 0.21 | 1.00       | ug/L  |
| 74-87-3        | Chloromethane                  | 0.35  | U         | 0.35 | 1.00       | ug/L  |
| 75-01-4        | Vinyl Chloride                 | 0.34  | U         | 0.34 | 1.00       | ug/L  |
| 74-83-9        | Bromomethane                   | 1.40  | U         | 1.40 | 5.00       | ug/L  |
| 75-00-3        | Chloroethane                   | 0.56  | U         | 0.56 | 1.00       | ug/L  |
| 76-13-1        | 1,1,2-Trichlorotrifluoroethane | 0.25  | U         | 0.25 | 1.00       | ug/L  |
| 75-35-4        | 1,1-Dichloroethene             | 0.26  | U         | 0.26 | 1.00       | ug/L  |
| 67-64-1        | Acetone                        | 5.10  |           | 1.40 | 5.00       | ug/L  |
| 75-15-0        | Carbon Disulfide               | 0.32  | U         | 0.32 | 1.00       | ug/L  |
| 1634-04-4      | Methyl tert-butyl Ether        | 0.16  | U         | 0.16 | 1.00       | ug/L  |
| 75-09-2        | Methylene Chloride             | 0.32  | U         | 0.32 | 1.00       | ug/L  |
| 156-60-5       | trans-1,2-Dichloroethene       | 0.25  | U         | 0.25 | 1.00       | ug/L  |
| 75-34-3        | 1,1-Dichloroethane             | 0.23  | U         | 0.23 | 1.00       | ug/L  |
| 110-82-7       | Cyclohexane                    | 1.60  | U         | 1.60 | 5.00       | ug/L  |
| 78-93-3        | 2-Butanone                     | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 56-23-5        | Carbon Tetrachloride           | 0.25  | U         | 0.25 | 1.00       | ug/L  |
| 156-59-2       | cis-1,2-Dichloroethene         | 0.25  | U         | 0.25 | 1.00       | ug/L  |
| 67-66-3        | Chloroform                     | 0.26  | U         | 0.26 | 1.00       | ug/L  |
| 71-55-6        | 1,1,1-Trichloroethane          | 0.19  | U         | 0.19 | 1.00       | ug/L  |
| 108-87-2       | Methylcyclohexane              | 0.19  | U         | 0.19 | 1.00       | ug/L  |
| 71-43-2        | Benzene                        | 0.16  | U         | 0.16 | 1.00       | ug/L  |
| 107-06-2       | 1,2-Dichloroethane             | 0.24  | U         | 0.24 | 1.00       | ug/L  |
| 79-01-6        | Trichloroethene                | 0.32  | U         | 0.32 | 1.00       | ug/L  |
| 75-27-4        | Bromodichloromethane           | 0.24  | U         | 0.24 | 1.00       | ug/L  |
| 108-88-3       | Toluene                        | 0.18  | U         | 0.18 | 1.00       | ug/L  |
| 79-00-5        | 1,1,2-Trichloroethane          | 0.21  | U         | 0.21 | 1.00       | ug/L  |
| 124-48-1       | Dibromochloromethane           | 0.18  | U         | 0.18 | 1.00       | ug/L  |
| 127-18-4       | Tetrachloroethene              | 0.25  | U         | 0.25 | 1.00       | ug/L  |
| 108-90-7       | Chlorobenzene                  | 0.13  | U         | 0.13 | 1.00       | ug/L  |
| 100-41-4       | Ethyl Benzene                  | 0.16  | U         | 0.16 | 1.00       | ug/L  |

## Report of Analysis

|                    |                                         |                 |                            |
|--------------------|-----------------------------------------|-----------------|----------------------------|
| Client:            | JACOBS Engineering Group, Inc.          | Date Collected: | 08/13/24                   |
| Project:           | Former Schlumberger Site Princeton NJ   | Date Received:  | 08/13/24                   |
| Client Sample ID:  | 918-J-WS-081324-FD                      | SDG No.:        | P3596                      |
| Lab Sample ID:     | P3596-02                                | Matrix:         | Water                      |
| Analytical Method: | SW8260                                  | % Solid:        | 0                          |
| Sample Wt/Vol:     | 5                    Units:    mL       | Final Vol:      | 5000                    uL |
| Soil Aliquot Vol:  | uL                                      | Test:           | VOCMS Group6               |
| GC Column:         | RXI-624                    ID :    0.25 | Level :         | LOW                        |
| Prep Method :      |                                         |                 |                            |

| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
|-------------------|-----------|-----------|----------------|---------------|
| VN083310.D        | 1         |           | 08/14/24 18:54 | VN081424      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|---------------------|------------|---------|
| 179601-23-1               | m/p-Xylenes            | 0.31   | U         | 0.31                | 2.00       | ug/L    |
| 1330-20-7                 | Total Xylenes          | 0.45   | U         | 0.45                | 3.00       | ug/L    |
| 95-47-6                   | o-Xylene               | 0.14   | U         | 0.14                | 1.00       | ug/L    |
| 98-82-8                   | Isopropylbenzene       | 0.13   | U         | 0.13                | 1.00       | ug/L    |
| 106-46-7                  | 1,4-Dichlorobenzene    | 0.27   | U         | 0.27                | 1.00       | ug/L    |
| 95-50-1                   | 1,2-Dichlorobenzene    | 0.19   | U         | 0.19                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 59.4   |           | 70 (74) - 130 (125) | 119%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 54.6   |           | 70 (75) - 130 (124) | 109%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 54.3   |           | 70 (86) - 130 (113) | 109%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 56.0   |           | 70 (77) - 130 (121) | 112%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 123000 | 8.224     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 243000 | 9.106     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 249000 | 11.865    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 107000 | 13.794    |                     |            |         |

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 OC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products