



Hit Summary Sheet  
SW-846

SDG No.: N6070  
Client: JACOBS Engineering Group, Inc.

| Sample ID  | Client ID                | Matrix | Parameter            | Concentration | C | MDL  | RDL  | Units |
|------------|--------------------------|--------|----------------------|---------------|---|------|------|-------|
| Client ID: | OWBR-01-160-180-121422-H |        |                      |               |   |      |      |       |
| N6070-03   | OWBR-01-160-180          | Water  | Trichloroethene      | 0.64          | J | 0.27 | 1.00 | ug/L  |
|            |                          |        | Total Voc :          | 0.64          |   |      |      |       |
|            |                          |        | Total Concentration: | 0.64          |   |      |      |       |
| Client ID: | OWBR-03-128-148-121422-H |        |                      |               |   |      |      |       |
| N6070-05   | OWBR-03-128-148          | Water  | Benzene              | 1.60          |   | 0.16 | 1.00 | ug/L  |
|            |                          |        | Total Voc :          | 1.60          |   |      |      |       |
|            |                          |        | Total Concentration: | 1.60          |   |      |      |       |

# SAMPLE DATA

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 12/14/22     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 12/14/22     |
| Client Sample ID:  | TB-01-121422                          | SDG No.:        | N6070        |
| Lab Sample ID:     | N6070-02                              | Matrix:         | Water        |
| Analytical Method: | SW8260                                | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                           | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18                    | Level :         | LOW          |
| Prep Method :      |                                       |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX033434.D        | 1         |           | 12/15/22 12:09 | VX121522      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |                     |            |         |
| 75-01-4                   | Vinyl Chloride         | 0.22   | U         | 0.22                | 1.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 0.23   | U         | 0.23                | 1.00       | ug/L    |
| 75-34-3                   | 1,1-Dichloroethane     | 0.20   | U         | 0.20                | 1.00       | ug/L    |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 71-43-2                   | Benzene                | 0.16   | U         | 0.16                | 1.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 0.27   | U         | 0.27                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane  | 0.19   | U         | 0.19                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 46.7   |           | 70 (74) - 130 (125) | 93%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 47.0   |           | 70 (75) - 130 (124) | 94%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 45.7   |           | 70 (86) - 130 (113) | 91%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 44.2   |           | 70 (64) - 130 (133) | 88%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 128000 | 5.556     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 204000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 177000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 78600  | 12.024    |                     |            |         |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 12/14/22     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 12/14/22     |
| Client Sample ID:  | OWBR-01-160-180-121422-H              | SDG No.:        | N6070        |
| Lab Sample ID:     | N6070-03                              | Matrix:         | Water        |
| Analytical Method: | SW8260                                | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                           | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18                    | Level :         | LOW          |
| Prep Method :      |                                       |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX033436.D        | 1         |           | 12/15/22 12:55 | VX121522      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |                     |            |         |
| 75-01-4                   | Vinyl Chloride         | 0.22   | U         | 0.22                | 1.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 0.23   | U         | 0.23                | 1.00       | ug/L    |
| 75-34-3                   | 1,1-Dichloroethane     | 0.20   | U         | 0.20                | 1.00       | ug/L    |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 71-43-2                   | Benzene                | 0.16   | U         | 0.16                | 1.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 0.64   | J         | 0.27                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane  | 0.19   | U         | 0.19                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 47.8   |           | 70 (74) - 130 (125) | 96%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 48.2   |           | 70 (75) - 130 (124) | 96%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 46.7   |           | 70 (86) - 130 (113) | 93%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 45.6   |           | 70 (64) - 130 (133) | 91%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 113000 | 5.556     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 180000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 158000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 73100  | 12.024    |                     |            |         |

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## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 12/14/22     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 12/14/22     |
| Client Sample ID:  | OWBR-02-160-180-121422-H              | SDG No.:        | N6070        |
| Lab Sample ID:     | N6070-04                              | Matrix:         | Water        |
| Analytical Method: | SW8260                                | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                           | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18                    | Level :         | LOW          |
| Prep Method :      |                                       |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX033437.D        | 1         |           | 12/15/22 13:18 | VX121522      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |                     |            |         |
| 75-01-4                   | Vinyl Chloride         | 0.22   | U         | 0.22                | 1.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 0.23   | U         | 0.23                | 1.00       | ug/L    |
| 75-34-3                   | 1,1-Dichloroethane     | 0.20   | U         | 0.20                | 1.00       | ug/L    |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 71-43-2                   | Benzene                | 0.16   | U         | 0.16                | 1.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 0.27   | U         | 0.27                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane  | 0.19   | U         | 0.19                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 44.4   |           | 70 (74) - 130 (125) | 89%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 44.6   |           | 70 (75) - 130 (124) | 89%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 43.7   |           | 70 (86) - 130 (113) | 87%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 42.0   |           | 70 (64) - 130 (133) | 84%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 111000 | 5.55      |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 177000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 155000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 69600  | 12.024    |                     |            |         |

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## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 12/14/22     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 12/14/22     |
| Client Sample ID:  | OWBR-03-128-148-121422-H              | SDG No.:        | N6070        |
| Lab Sample ID:     | N6070-05                              | Matrix:         | Water        |
| Analytical Method: | SW8260                                | % Solid:        | 0            |
| Sample Wt/Vol:     | 5 Units: mL                           | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                                    | Test:           | VOCMS Group3 |
| GC Column:         | DB-624UI ID : 0.18                    | Level :         | LOW          |
| Prep Method :      |                                       |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VX033438.D        | 1         |           | 12/15/22 13:41 | VX121522      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|---------------------------|------------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>            |                        |        |           |                     |            |         |
| 75-01-4                   | Vinyl Chloride         | 0.22   | U         | 0.22                | 1.00       | ug/L    |
| 75-35-4                   | 1,1-Dichloroethene     | 0.23   | U         | 0.23                | 1.00       | ug/L    |
| 75-34-3                   | 1,1-Dichloroethane     | 0.20   | U         | 0.20                | 1.00       | ug/L    |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 71-43-2                   | Benzene                | 1.60   |           | 0.16                | 1.00       | ug/L    |
| 107-06-2                  | 1,2-Dichloroethane     | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| 79-01-6                   | Trichloroethene        | 0.27   | U         | 0.27                | 1.00       | ug/L    |
| 79-00-5                   | 1,1,2-Trichloroethane  | 0.19   | U         | 0.19                | 1.00       | ug/L    |
| 127-18-4                  | Tetrachloroethene      | 0.18   | U         | 0.18                | 1.00       | ug/L    |
| <b>SURROGATES</b>         |                        |        |           |                     |            |         |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 49.3   |           | 70 (74) - 130 (125) | 99%        | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 48.8   |           | 70 (75) - 130 (124) | 98%        | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 47.3   |           | 70 (86) - 130 (113) | 95%        | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 46.6   |           | 70 (64) - 130 (133) | 93%        | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 118000 | 5.55      |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 187000 | 6.763     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 166000 | 10.055    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 76400  | 12.024    |                     |            |         |

U = Not Detected

LOQ = Limit of Quantitation

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

## LAB CHRONICLE

**OrderID:** N6070  
**Client:** JACOBS Engineering Group, Inc.  
**Contact:** Doug Scott

**OrderDate:** 12/14/2022 4:13:00 PM  
**Project:** Former Schlumberger Site Princeton NJ  
**Location:** M11,VOA Ref. #3 Water

| LabID    | ClientID                     | Matrix | Test         | Method   | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------------------|--------|--------------|----------|-------------|-----------|-----------|----------|
| N6070-02 | TB-01-121422                 | Water  | VOCMS Group3 | 8260-Low | 12/14/22    |           | 12/15/22  | 12/14/22 |
| N6070-03 | OWBR-01-160-180-12<br>1422-H | Water  | VOCMS Group3 | 8260-Low | 12/14/22    |           | 12/15/22  | 12/14/22 |
| N6070-04 | OWBR-02-160-180-12<br>1422-H | Water  | VOCMS Group3 | 8260-Low | 12/14/22    |           | 12/15/22  | 12/14/22 |
| N6070-05 | OWBR-03-128-148-12<br>1422-H | Water  | VOCMS Group3 | 8260-Low | 12/14/22    |           | 12/15/22  | 12/14/22 |