



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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A  
B  
C  
D

### Hit Summary Sheet SW-846

SDG No.: Q1741  
Client: JACOBS Engineering Group, Inc.

| Sample ID   | Client ID           | Parameter | Concentration        | C      | MDL    | RDL  | Units |
|-------------|---------------------|-----------|----------------------|--------|--------|------|-------|
| Client ID : | RMW-02B-66-040425   |           |                      |        |        |      |       |
| Q1741-01    | RMW-02B-66-040425   | WATER     | 1,4-Dioxane          | 30.700 | E 0.07 | 0.21 | ug/L  |
|             |                     |           | Total Svoc :         |        | 30.70  |      |       |
|             |                     |           | Total Concentration: |        | 30.70  |      |       |
| Client ID : | RMW-02B-66-040425DL |           |                      |        |        |      |       |
| Q1741-01DL  | RMW-02B-66-040425DL | WATER     | 1,4-Dioxane          | 31.200 | D 0.71 | 2.1  | ug/L  |
|             |                     |           | Total Svoc :         |        | 31.20  |      |       |
|             |                     |           | Total Concentration: |        | 31.20  |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                           |                 |                |
|--------------------|-------------------------------------------|-----------------|----------------|
| Client:            | JACOBS Engineering Group, Inc.            | Date Collected: | 04/04/25       |
| Project:           | Former Schlumberger STC PTC Site D3868221 | Date Received:  | 04/04/25       |
| Client Sample ID:  | RMW-02B-66-040425                         | SDG No.:        | Q1741          |
| Lab Sample ID:     | Q1741-01                                  | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                                | % Solid:        | 0              |
| Sample Wt/Vol:     | 970 Units: mL                             | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL                                        | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N                              | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0                          | GPC Cleanup :   | N PH :         |
| Prep Method :      |                                           |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036886.D        | 1         | 04/08/25 10:10 | 04/11/25 19:57 | PB167519      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 123-91-1                  | 1,4-Dioxane             | 30.7  | E         | 0.070               | 0.21       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.34  |           | 30 (20) - 150 (139) | 85%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.41  |           | 30 (30) - 150 (150) | 103%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.35  |           | 30 (27) - 130 (154) | 88%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.38  |           | 30 (25) - 130 (149) | 95%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.43  |           | 30 (54) - 130 (175) | 107%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 274   |           | 7.64                |            |          |
| 1146-65-2                 | Naphthalene-d8          | 725   |           | 10.426              |            |          |
| 15067-26-2                | Acenaphthene-d10        | 456   |           | 14.288              |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 993   |           | 17.033              |            |          |
| 1719-03-5                 | Chrysene-d12            | 1080  |           | 21.233              |            |          |
| 1520-96-3                 | Perylene-d12            | 1300  |           | 23.447              |            |          |

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: | 04/04/25       |
| Project:           | Former Schlumberger STC PTC Site D3868221 | Date Received:  | 04/04/25       |
| Client Sample ID:  | RMW-02B-66-040425DL                       | SDG No.:        | Q1741          |
| Lab Sample ID:     | Q1741-01DL                                | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                                | % Solid:        | 0              |
| Sample Wt/Vol:     | 970 Units: mL                             | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL                                        | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N                              | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0                          | GPC Cleanup :   | N PH :         |
| Prep Method :      |                                           |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036908.D        | 10        | 04/08/25 10:10 | 04/14/25 20:04 | PB167519      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 123-91-1                  | 1,4-Dioxane             | 31.2  | D         | 0.71                | 2.10       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.33  |           | 30 (20) - 150 (139) | 83%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.42  |           | 30 (30) - 150 (150) | 105%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.31  |           | 30 (27) - 130 (154) | 77%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.38  |           | 30 (25) - 130 (149) | 95%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.48  |           | 30 (54) - 130 (175) | 120%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 1220  |           | 7.633               |            |          |
| 1146-65-2                 | Naphthalene-d8          | 2950  |           | 10.415              |            |          |
| 15067-26-2                | Acenaphthene-d10        | 1740  |           | 14.277              |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 3460  |           | 17.033              |            |          |
| 1719-03-5                 | Chrysene-d12            | 2950  |           | 21.224              |            |          |
| 1520-96-3                 | Perylene-d12            | 2820  |           | 23.433              |            |          |

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## Report of Analysis

|                    |                                           |                 |                |
|--------------------|-------------------------------------------|-----------------|----------------|
| Client:            | JACOBS Engineering Group, Inc.            | Date Collected: | 04/04/25       |
| Project:           | Former Schlumberger STC PTC Site D3868221 | Date Received:  | 04/04/25       |
| Client Sample ID:  | RMW-06B-74-040425                         | SDG No.:        | Q1741          |
| Lab Sample ID:     | Q1741-02                                  | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                                | % Solid:        | 0              |
| Sample Wt/Vol:     | 970 Units: mL                             | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL                                        | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N                              | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0                          | GPC Cleanup :   | N PH :         |
| Prep Method :      |                                           |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036887.D        | 1         | 04/08/25 10:10 | 04/11/25 20:34 | PB167519      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 123-91-1                  | 1,4-Dioxane             | 0.070 | U         | 0.070               | 0.21       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.35  |           | 30 (20) - 150 (139) | 86%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.41  |           | 30 (30) - 150 (150) | 102%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.33  |           | 30 (27) - 130 (154) | 82%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.34  |           | 30 (25) - 130 (149) | 86%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.42  |           | 30 (54) - 130 (175) | 104%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 257   | 7.64      |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 678   | 10.426    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 429   | 14.288    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 971   | 17.033    |                     |            |          |
| 1719-03-5                 | Chrysene-d12            | 1080  | 21.233    |                     |            |          |
| 1520-96-3                 | Perylene-d12            | 1370  | 23.447    |                     |            |          |

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## Report of Analysis

|                    |                                           |                 |                |
|--------------------|-------------------------------------------|-----------------|----------------|
| Client:            | JACOBS Engineering Group, Inc.            | Date Collected: | 04/04/25       |
| Project:           | Former Schlumberger STC PTC Site D3868221 | Date Received:  | 04/04/25       |
| Client Sample ID:  | FB01-040425                               | SDG No.:        | Q1741          |
| Lab Sample ID:     | Q1741-03                                  | Matrix:         | Water          |
| Analytical Method: | SW8270ESIM                                | % Solid:        | 0              |
| Sample Wt/Vol:     | 980 Units: mL                             | Final Vol:      | 1000 uL        |
| Soil Aliquot Vol:  | uL                                        | Test:           | SVOC-SIMGroup1 |
| Extraction Type :  | Decanted : N                              | Level :         | LOW            |
| Injection Volume : | GPC Factor : 1.0                          | GPC Cleanup :   | N PH :         |
| Prep Method :      |                                           |                 |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN036888.D        | 1         | 04/08/25 10:10 | 04/11/25 21:10 | PB167519      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 123-91-1                  | 1,4-Dioxane             | 0.070 | U         | 0.070               | 0.20       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.31  |           | 30 (20) - 150 (139) | 76%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.41  |           | 30 (30) - 150 (150) | 103%       | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.30  |           | 30 (27) - 130 (154) | 74%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.36  |           | 30 (25) - 130 (149) | 91%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.52  |           | 30 (54) - 130 (175) | 129%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 267   | 7.64      |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 721   | 10.426    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 449   | 14.288    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 971   | 17.033    |                     |            |          |
| 1719-03-5                 | Chrysene-d12            | 1110  | 21.233    |                     |            |          |
| 1520-96-3                 | Perylene-d12            | 1320  | 23.45     |                     |            |          |

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## LAB CHRONICLE

|                                               |                                                           |
|-----------------------------------------------|-----------------------------------------------------------|
| <b>OrderID:</b> Q1741                         | <b>OrderDate:</b> 4/7/2025 10:06:00 AM                    |
| <b>Client:</b> JACOBS Engineering Group, Inc. | <b>Project:</b> Former Schlumberger STC PTC Site D3868221 |
| <b>Contact:</b> John Ynfante                  | <b>Location:</b> L33,VOA Ref. #3 Water                    |

| LabID      | ClientID                | Matrix | Test           | Method        | Sample Date | Prep Date | Anal Date | Received |
|------------|-------------------------|--------|----------------|---------------|-------------|-----------|-----------|----------|
| Q1741-01   | RMW-02B-66-040425       | Water  | SVOC-SIMGroup1 | 8270-Modified | 04/04/25    | 04/08/25  | 04/11/25  | 04/04/25 |
| Q1741-01DL | RMW-02B-66-040425<br>DL | Water  |                |               | 04/04/25    |           |           | 04/04/25 |
| Q1741-02   | RMW-06B-74-040425       | Water  | SVOC-SIMGroup1 | 8270-Modified | 04/04/25    | 04/08/25  | 04/14/25  | 04/04/25 |
|            |                         |        | SVOC-SIMGroup1 | 8270-Modified |             | 04/08/25  | 04/11/25  |          |
| Q1741-03   | FB01-040425             | Water  | SVOC-SIMGroup1 | 8270-Modified | 04/04/25    | 04/08/25  | 04/11/25  | 04/04/25 |