

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

**SDG No.:** P3440

**Client:** JACOBS Engineering Group, Inc.

| Sample ID         | Client ID               | Matrix | Parameter                   | Concentration | C | MDL  | RDL  | Units |
|-------------------|-------------------------|--------|-----------------------------|---------------|---|------|------|-------|
| <b>Client ID:</b> | <b>923-K1-WS-080124</b> |        |                             |               |   |      |      |       |
| P3440-01          | 923-K1-WS-080124        | Water  | Acetone                     | 4.90          | J | 1.40 | 5.00 | ug/L  |
| P3440-01          | 923-K1-WS-080124        | Water  | Toluene                     | 0.71          | J | 0.18 | 1.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 5.61          |   |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 5.61          |   |      |      |       |
| <b>Client ID:</b> | <b>922-K1-WS-080124</b> |        |                             |               |   |      |      |       |
| P3440-04          | 922-K1-WS-080124        | Water  | Toluene                     | 1.10          |   | 0.18 | 1.00 | ug/L  |
|                   |                         |        | <b>Total Voc :</b>          | 1.10          |   |      |      |       |
|                   |                         |        | <b>Total Concentration:</b> | 1.10          |   |      |      |       |

A

B

C

D



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24     |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440        |
| Lab Sample ID:     | P3440-01                              | 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 |
| VN083251.D        | 1         |           | 08/13/24 12:30 | VN081324      |

| 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                        | 4.90  | J         | 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                        | 0.71  | J         | 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: | 08/01/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24     |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440        |
| Lab Sample ID:     | P3440-01                              | 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 |
| VN083251.D        | 1         |           | 08/13/24 12:30 | VN081324      |

| 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  | 56.1   |           | 70 (74) - 130 (125) | 112%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 52.5   |           | 70 (75) - 130 (124) | 105%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 53.3   |           | 70 (86) - 130 (113) | 107%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 56.2   |           | 70 (77) - 130 (121) | 112%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 149000 | 8.224     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 288000 | 9.1       |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 294000 | 11.865    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 131000 | 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 QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24     |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440        |
| Lab Sample ID:     | P3440-04                              | 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 |
| VN083261.D        | 1         |           | 08/13/24 16:31 | VN081324      |

| 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                        | 1.40  | U         | 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                        | 1.10  |           | 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: | 08/01/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24     |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440        |
| Lab Sample ID:     | P3440-04                              | 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 |
| VN083261.D        | 1         |           | 08/13/24 16:31 | VN081324      |

| 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  | 55.0   |           | 70 (74) - 130 (125) | 110%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 52.4   |           | 70 (75) - 130 (124) | 105%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 52.8   |           | 70 (86) - 130 (113) | 106%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 54.8   |           | 70 (77) - 130 (121) | 110%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 132000 | 8.224     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 256000 | 9.106     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 256000 | 11.865    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 112000 | 13.794    |                     |            |         |

U = Not Detected

LOQ = Limit of Quantitation

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                                       |                 |              |
|--------------------|---------------------------------------|-----------------|--------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24     |
| Client Sample ID:  | TB-01-080124                          | SDG No.:        | P3440        |
| Lab Sample ID:     | P3440-05                              | 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 |
| VN083262.D        | 1         |           | 08/13/24 16:56 | VN081324      |

| 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                        | 1.40  | U         | 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: | 08/01/24                   |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24                   |
| Client Sample ID:  | TB-01-080124                          | SDG No.:        | P3440                      |
| Lab Sample ID:     | P3440-05                              | 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 |
| VN083262.D        | 1         |           | 08/13/24 16:56 | VN081324      |

| 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  | 56.6   |           | 70 (74) - 130 (125) | 113%       | SPK: 50 |
| 1868-53-7                 | Dibromofluoromethane   | 52.9   |           | 70 (75) - 130 (124) | 106%       | SPK: 50 |
| 2037-26-5                 | Toluene-d8             | 53.3   |           | 70 (86) - 130 (113) | 107%       | SPK: 50 |
| 460-00-4                  | 4-Bromofluorobenzene   | 57.1   |           | 70 (77) - 130 (121) | 114%       | SPK: 50 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |                     |            |         |
| 363-72-4                  | Pentafluorobenzene     | 143000 | 8.229     |                     |            |         |
| 540-36-3                  | 1,4-Difluorobenzene    | 276000 | 9.106     |                     |            |         |
| 3114-55-4                 | Chlorobenzene-d5       | 284000 | 11.865    |                     |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 127000 | 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 QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



LAB CHRONICLE

|          |                                |            |                                       |
|----------|--------------------------------|------------|---------------------------------------|
| OrderID: | P3440                          | OrderDate: | 8/1/2024 12:28:00 PM                  |
| Client:  | JACOBS Engineering Group, Inc. | Project:   | Former Schlumberger Site Princeton NJ |
| Contact: | Mary I. Murphy                 | Location:  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test         | Method   | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|--------------|----------|-------------|-----------|-----------|----------|
| P3440-01 | 923-K1-WS-080124 | Water  | VOCMS Group6 | 8260-Low | 08/01/24    |           | 08/13/24  | 08/01/24 |
| P3440-04 | 922-K1-WS-080124 | Water  | VOCMS Group6 | 8260-Low | 08/01/24    |           | 08/13/24  | 08/01/24 |
| P3440-05 | TB-01-080124     | Water  | VOCMS Group6 | 8260-Low | 08/01/24    |           | 08/13/24  | 08/01/24 |



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Fax : 908 789 8922

A  
B  
C  
D

### Hit Summary Sheet SW-846

**SDG No.:** P3440  
**Client:** JACOBS Engineering Group, Inc.

| Sample ID                           | Client ID        |       | Parameter    | Concentration | C           | MDL  | RDL  | Units |
|-------------------------------------|------------------|-------|--------------|---------------|-------------|------|------|-------|
| <b>Client ID : 922-K1-WS-080124</b> |                  |       |              |               |             |      |      |       |
| P3440-04                            | 922-K1-WS-080124 | WATER | Phenanthrene | 0.040         | J           | 0.02 | 0.11 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | WATER | Fluoranthene | 0.040         | J           | 0.02 | 0.11 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | WATER | Pyrene       | 0.030         | J           | 0.02 | 0.11 | ug/L  |
| <b>Total Svoc :</b>                 |                  |       |              |               | <b>0.11</b> |      |      |       |
| <b>Total Concentration:</b>         |                  |       |              |               | <b>0.11</b> |      |      |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-01                              | Matrix:         | Water         |
| Analytical Method: | SW8270SIM                             | % Solid:        | 0             |
| Sample Wt/Vol:     | 910 Units: mL                         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group3 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN033231.D        | 1         | 08/02/24 09:25 | 08/03/24 10:24 | PB162464      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 91-20-3                   | Naphthalene             | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 91-57-6                   | 2-Methylnaphthalene     | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 208-96-8                  | Acenaphthylene          | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 83-32-9                   | Acenaphthene            | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 86-73-7                   | Fluorene                | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 85-01-8                   | Phenanthrene            | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 120-12-7                  | Anthracene              | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 206-44-0                  | Fluoranthene            | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 129-00-0                  | Pyrene                  | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 56-55-3                   | Benzo(a)anthracene      | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 218-01-9                  | Chrysene                | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.060 | U         | 0.060               | 0.11       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene  | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene  | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 123-91-1                  | 1,4-Dioxane             | 0.070 | U         | 0.070               | 0.22       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.24  |           | 30 (30) - 150 (150) | 61%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.31  |           | 30 (30) - 150 (150) | 77%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.24  |           | 30 (11) - 130 (175) | 60%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.28  |           | 30 (10) - 130 (175) | 71%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.36  |           | 30 (54) - 130 (171) | 89%        | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 2960  | 7.524     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 9520  | 10.297    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 5300  | 14.144    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 10000 | 16.915    |                     |            |          |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-01                              | Matrix:         | Water         |
| Analytical Method: | SW8270SIM                             | % Solid:        | 0             |
| Sample Wt/Vol:     | 910      Units:    mL                 | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group3 |
| Extraction Type :  | Decanted :    N                       | Level :         | LOW           |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN033231.D        | 1         | 08/02/24 09:25 | 08/03/24 10:24 | PB162464      |

| CAS Number | Parameter    | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|--------------|-------|-----------|-----|------------|-------|
| 1719-03-5  | Chrysene-d12 | 8930  | 21.131    |     |            |       |
| 1520-96-3  | Perylene-d12 | 10300 | 23.307    |     |            |       |

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: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-04                              | Matrix:         | Water         |
| Analytical Method: | SW8270SIM                             | % Solid:        | 0             |
| Sample Wt/Vol:     | 930 Units: mL                         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group3 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN033234.D        | 1         | 08/02/24 09:25 | 08/03/24 12:12 | PB162464      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 91-20-3                   | Naphthalene             | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 91-57-6                   | 2-Methylnaphthalene     | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 208-96-8                  | Acenaphthylene          | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 83-32-9                   | Acenaphthene            | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 86-73-7                   | Fluorene                | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 85-01-8                   | Phenanthrene            | 0.040 | J         | 0.020               | 0.11       | ug/L     |
| 120-12-7                  | Anthracene              | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 206-44-0                  | Fluoranthene            | 0.040 | J         | 0.020               | 0.11       | ug/L     |
| 129-00-0                  | Pyrene                  | 0.030 | J         | 0.020               | 0.11       | ug/L     |
| 56-55-3                   | Benzo(a)anthracene      | 0.020 | U         | 0.020               | 0.11       | ug/L     |
| 218-01-9                  | Chrysene                | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.030 | U         | 0.030               | 0.11       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.060 | U         | 0.060               | 0.11       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene  | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene  | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.040 | U         | 0.040               | 0.11       | ug/L     |
| 123-91-1                  | 1,4-Dioxane             | 0.070 | U         | 0.070               | 0.22       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.27  |           | 30 (30) - 150 (150) | 68%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.34  |           | 30 (30) - 150 (150) | 86%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.30  |           | 30 (11) - 130 (175) | 75%        | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.29  |           | 30 (10) - 130 (175) | 72%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.59  | *         | 30 (54) - 130 (171) | 148%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 2480  | 7.539     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 8660  | 10.298    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 4990  | 14.144    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 10600 | 16.915    |                     |            |          |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-04                              | Matrix:         | Water         |
| Analytical Method: | SW8270SIM                             | % Solid:        | 0             |
| Sample Wt/Vol:     | 930      Units:    mL                 | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group3 |
| Extraction Type :  | Decanted :    N                       | Level :         | LOW           |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BN033234.D        | 1         | 08/02/24 09:25 | 08/03/24 12:12 | PB162464      |

| CAS Number | Parameter    | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|--------------|-------|-----------|-----|------------|-------|
| 1719-03-5  | Chrysene-d12 | 7010  | 21.131    |     |            |       |
| 1520-96-3  | Perylene-d12 | 6900  | 23.312    |     |            |       |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

|          |                                |            |                                       |
|----------|--------------------------------|------------|---------------------------------------|
| OrderID: | P3440                          | OrderDate: | 8/1/2024 12:28:00 PM                  |
| Client:  | JACOBS Engineering Group, Inc. | Project:   | Former Schlumberger Site Princeton NJ |
| Contact: | Mary I. Murphy                 | Location:  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test          | Method        | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|---------------|---------------|-------------|-----------|-----------|----------|
| P3440-01 | 923-K1-WS-080124 | Water  | SVOCMS Group3 | 8270-Modified | 08/01/24    | 08/02/24  | 08/03/24  | 08/01/24 |
|          |                  |        | SVOCMS Group6 | 8270E         |             | 08/02/24  | 08/07/24  |          |
|          |                  |        |               |               |             |           |           |          |
| P3440-04 | 922-K1-WS-080124 | Water  | SVOCMS Group3 | 8270-Modified | 08/01/24    | 08/02/24  | 08/03/24  | 08/01/24 |
|          |                  |        | SVOCMS Group6 | 8270E         |             | 08/02/24  | 08/07/24  |          |
|          |                  |        |               |               |             |           |           |          |





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Fax : 908 789 8922

A  
B  
C  
D

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

**SDG No.:** P3440  
**Client:** JACOBS Engineering Group, Inc.

| Sample ID            | Client ID | Matrix | Parameter | Concentration | C    | MDL | RDL | Units |
|----------------------|-----------|--------|-----------|---------------|------|-----|-----|-------|
| Client ID :          |           |        |           | 0.000         |      |     |     |       |
| Total Svoc :         |           |        |           |               | 0.00 |     |     |       |
| Total Concentration: |           |        |           |               | 0.00 |     |     |       |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-01                              | Matrix:         | Water         |
| Analytical Method: | SW8270                                | % Solid:        | 0             |
| Sample Wt/Vol:     | 880 Units: mL                         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group6 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF138837.D        | 1         | 08/02/24 09:23 | 08/07/24 12:34 | PB162463      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |            |       |
| 110-86-1       | Pyridine                   | 1.80  | U         | 1.80 | 5.70       | ug/L  |
| 100-52-7       | Benzaldehyde               | 4.50  | U         | 4.50 | 11.4       | ug/L  |
| 95-48-7        | 2-Methylphenol             | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols          | 1.30  | U         | 1.30 | 11.4       | ug/L  |
| 67-72-1        | Hexachloroethane           | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 98-95-3        | Nitrobenzene               | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 91-20-3        | Naphthalene                | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol      | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol      | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 208-96-8       | Acenaphthylene             | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 83-32-9        | Acenaphthene               | 0.92  | U         | 0.92 | 5.70       | ug/L  |
| 132-64-9       | Dibenzofuran               | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene         | 1.70  | U         | 1.70 | 5.70       | ug/L  |
| 86-73-7        | Fluorene                   | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 2.10  | U         | 2.10 | 11.4       | ug/L  |
| 85-01-8        | Phenanthrene               | 1.00  | U         | 1.00 | 5.70       | ug/L  |
| 120-12-7       | Anthracene                 | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 86-74-8        | Carbazole                  | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 84-74-2        | Di-n-butylphthalate        | 1.70  | U         | 1.70 | 5.70       | ug/L  |
| 206-44-0       | Fluoranthene               | 1.50  | U         | 1.50 | 5.70       | ug/L  |
| 129-00-0       | Pyrene                     | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 1.10  | U         | 1.10 | 5.70       | ug/L  |
| 218-01-9       | Chrysene                   | 0.98  | U         | 0.98 | 5.70       | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2.10  | U         | 2.10 | 5.70       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 1.40  | U         | 1.40 | 5.70       | ug/L  |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 923-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-01                              | Matrix:         | Water         |
| Analytical Method: | SW8270                                | % Solid:        | 0             |
| Sample Wt/Vol:     | 880 Units: mL                         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group6 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF138837.D        | 1         | 08/02/24 09:23 | 08/07/24 12:34 | PB162463      |

| CAS Number | Parameter              | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|------------------------|-------|-----------|------|------------|-------|
| 50-32-8    | Benzo(a)pyrene         | 1.90  | U         | 1.90 | 5.70       | ug/L  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene | 1.20  | U         | 1.20 | 5.70       | ug/L  |
| 53-70-3    | Dibenzo(a,h)anthracene | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 191-24-2   | Benzo(g,h,i)perylene   | 1.30  | U         | 1.30 | 5.70       | ug/L  |
| 123-91-1   | 1,4-Dioxane            | 1.40  | U         | 1.40 | 5.70       | ug/L  |
| 90-12-0    | 1-Methylnaphthalene    | 0.98  | U         | 0.98 | 5.70       | ug/L  |

### SURROGATES

|            |                      |      |  |                     |      |          |
|------------|----------------------|------|--|---------------------|------|----------|
| 367-12-4   | 2-Fluorophenol       | 63.6 |  | 15 (10) - 110 (139) | 42%  | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 38.2 |  | 15 (10) - 110 (134) | 25%  | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 94.8 |  | 30 (49) - 130 (133) | 95%  | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 98.3 |  | 30 (52) - 130 (132) | 98%  | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 154  |  | 15 (32) - 110 (145) | 102% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 114  |  | 30 (36) - 130 (145) | 114% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 45200  | 6.84   |
| 1146-65-2  | Naphthalene-d8         | 184000 | 8.116  |
| 15067-26-2 | Acenaphthene-d10       | 98300  | 9.869  |
| 1517-22-2  | Phenanthrene-d10       | 162000 | 11.357 |
| 1719-03-5  | Chrysene-d12           | 84400  | 13.992 |
| 1520-96-3  | Perylene-d12           | 89900  | 15.457 |

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: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-04                              | Matrix:         | Water         |
| Analytical Method: | SW8270                                | % Solid:        | 0             |
| Sample Wt/Vol:     | 890      Units:    mL                 | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group6 |
| Extraction Type :  | Decanted :    N                       | Level :         | LOW           |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF138840.D        | 1         | 08/02/24 09:23 | 08/07/24 14:05 | PB162463      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |            |       |
| 110-86-1       | Pyridine                   | 1.70  | U         | 1.70 | 5.60       | ug/L  |
| 100-52-7       | Benzaldehyde               | 4.50  | U         | 4.50 | 11.2       | ug/L  |
| 95-48-7        | 2-Methylphenol             | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols          | 1.30  | U         | 1.30 | 11.2       | ug/L  |
| 67-72-1        | Hexachloroethane           | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 98-95-3        | Nitrobenzene               | 1.40  | U         | 1.40 | 5.60       | ug/L  |
| 91-20-3        | Naphthalene                | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 1.40  | U         | 1.40 | 5.60       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol      | 1.00  | U         | 1.00 | 5.60       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol      | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 208-96-8       | Acenaphthylene             | 1.20  | U         | 1.20 | 5.60       | ug/L  |
| 83-32-9        | Acenaphthene               | 0.91  | U         | 0.91 | 5.60       | ug/L  |
| 132-64-9       | Dibenzofuran               | 1.00  | U         | 1.00 | 5.60       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene         | 1.70  | U         | 1.70 | 5.60       | ug/L  |
| 86-73-7        | Fluorene                   | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 2.10  | U         | 2.10 | 11.2       | ug/L  |
| 85-01-8        | Phenanthrene               | 1.00  | U         | 1.00 | 5.60       | ug/L  |
| 120-12-7       | Anthracene                 | 1.20  | U         | 1.20 | 5.60       | ug/L  |
| 86-74-8        | Carbazole                  | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 84-74-2        | Di-n-butylphthalate        | 1.70  | U         | 1.70 | 5.60       | ug/L  |
| 206-44-0       | Fluoranthene               | 1.40  | U         | 1.40 | 5.60       | ug/L  |
| 129-00-0       | Pyrene                     | 1.20  | U         | 1.20 | 5.60       | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 218-01-9       | Chrysene                   | 0.97  | U         | 0.97 | 5.60       | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 2.10  | U         | 2.10 | 5.60       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 1.30  | U         | 1.30 | 5.60       | ug/L  |

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24      |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24      |
| Client Sample ID:  | 922-K1-WS-080124                      | SDG No.:        | P3440         |
| Lab Sample ID:     | P3440-04                              | Matrix:         | Water         |
| Analytical Method: | SW8270                                | % Solid:        | 0             |
| Sample Wt/Vol:     | 890 Units: mL                         | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group6 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3510C                               |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF138840.D        | 1         | 08/02/24 09:23 | 08/07/24 14:05 | PB162463      |

| CAS Number | Parameter              | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|------------|------------------------|-------|-----------|------|------------|-------|
| 50-32-8    | Benzo(a)pyrene         | 1.90  | U         | 1.90 | 5.60       | ug/L  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene | 1.10  | U         | 1.10 | 5.60       | ug/L  |
| 53-70-3    | Dibenzo(a,h)anthracene | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 191-24-2   | Benzo(g,h,i)perylene   | 1.30  | U         | 1.30 | 5.60       | ug/L  |
| 123-91-1   | 1,4-Dioxane            | 1.40  | U         | 1.40 | 5.60       | ug/L  |
| 90-12-0    | 1-Methylnaphthalene    | 0.97  | U         | 0.97 | 5.60       | ug/L  |

### SURROGATES

|            |                      |      |  |                     |      |          |
|------------|----------------------|------|--|---------------------|------|----------|
| 367-12-4   | 2-Fluorophenol       | 57.9 |  | 15 (10) - 110 (139) | 39%  | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 34.5 |  | 15 (10) - 110 (134) | 23%  | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 92.4 |  | 30 (49) - 130 (133) | 92%  | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 96.8 |  | 30 (52) - 130 (132) | 97%  | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 147  |  | 15 (32) - 110 (145) | 98%  | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 108  |  | 30 (36) - 130 (145) | 108% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 41800  | 6.84   |
| 1146-65-2  | Naphthalene-d8         | 170000 | 8.116  |
| 15067-26-2 | Acenaphthene-d10       | 89900  | 9.869  |
| 1517-22-2  | Phenanthrene-d10       | 146000 | 11.357 |
| 1719-03-5  | Chrysene-d12           | 76100  | 13.998 |
| 1520-96-3  | Perylene-d12           | 79900  | 15.457 |

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> | P3440                          | <b>OrderDate:</b> | 8/1/2024 12:28:00 PM                  |
| <b>Client:</b>  | JACOBS Engineering Group, Inc. | <b>Project:</b>   | Former Schlumberger Site Princeton NJ |
| <b>Contact:</b> | Mary I. Murphy                 | <b>Location:</b>  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test          | Method        | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|---------------|---------------|-------------|-----------|-----------|----------|
| P3440-01 | 923-K1-WS-080124 | Water  |               |               | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | SVOCMS Group3 | 8270-Modified |             | 08/02/24  | 08/03/24  |          |
|          |                  |        | SVOCMS Group6 | 8270E         |             | 08/02/24  | 08/07/24  |          |
| P3440-04 | 922-K1-WS-080124 | Water  |               |               | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | SVOCMS Group3 | 8270-Modified |             | 08/02/24  | 08/03/24  |          |
|          |                  |        | SVOCMS Group6 | 8270E         |             | 08/02/24  | 08/07/24  |          |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

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

|                 |                                |                    |                                       |
|-----------------|--------------------------------|--------------------|---------------------------------------|
| <b>SDG No.:</b> | P3440                          | <b>Order ID:</b>   | P3440                                 |
| <b>Client:</b>  | JACOBS Engineering Group, Inc. | <b>Project ID:</b> | Former Schlumberger Site Princeton NJ |

| Sample ID                      | Client ID                                   | Matrix | Parameter        | Concentration | C | MDL  | RDL | Units |
|--------------------------------|---------------------------------------------|--------|------------------|---------------|---|------|-----|-------|
| <b>Client ID :</b><br>P3440-01 | <b>923-K1-WS-080124</b><br>923-K1-WS-080124 | Water  | Dissolved Silica | 6270          |   | 64.0 | 428 | ug/L  |
| <b>Client ID :</b><br>P3440-04 | <b>922-K1-WS-080124</b><br>922-K1-WS-080124 | Water  | Dissolved Silica | 5370          |   | 64.0 | 428 | ug/L  |





# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24 |
| Client Sample ID: | 923-K1-WS-080124                      | SDG No.:        | P3440    |
| Lab Sample ID:    | P3440-01                              | Matrix:         | Water    |
| Level (low/med):  | low                                   | % Solid:        | 0        |

| Cas              | Parameter        | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|------------------|------------------|-------|------|------|-----|------------|-------|----------------|----------------|-----------|-----------|
| Dissolved Silica | Dissolved Silica | 6270  | 1    | 64.0 |     | 428        | ug/L  | 10/28/24 12:00 | 10/28/24 15:11 | EPA 200.7 |           |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group5 |                 |       |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24 |
| Client Sample ID: | 922-K1-WS-080124                      | SDG No.:        | P3440    |
| Lab Sample ID:    | P3440-04                              | Matrix:         | Water    |
| Level (low/med):  | low                                   | % Solid:        | 0        |

| Cas              | Parameter        | Conc. | Qua. | DF   | MDL | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met.  | Prep Met. |
|------------------|------------------|-------|------|------|-----|------------|-------|----------------|----------------|-----------|-----------|
| Dissolved Silica | Dissolved Silica | 5370  | 1    | 64.0 |     | 428        | ug/L  | 10/28/24 12:00 | 10/28/24 15:45 | EPA 200.7 |           |

|               |               |                 |       |            |
|---------------|---------------|-----------------|-------|------------|
| Color Before: | Colorless     | Clarity Before: | Clear | Texture:   |
| Color After:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group5 |                 |       |            |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## LAB CHRONICLE

|                 |                                |                   |                                       |
|-----------------|--------------------------------|-------------------|---------------------------------------|
| <b>OrderID:</b> | P3440                          | <b>OrderDate:</b> | 8/1/2024 12:28:00 PM                  |
| <b>Client:</b>  | JACOBS Engineering Group, Inc. | <b>Project:</b>   | Former Schlumberger Site Princeton NJ |
| <b>Contact:</b> | Mary I. Murphy                 | <b>Location:</b>  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| P3440-01 | 923-K1-WS-080124 | Water  |               |        | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | Mercury       | 7470A  |             | 08/12/24  | 08/13/24  |          |
|          |                  |        | Metals Group4 | 6020B  |             | 08/23/24  | 08/25/24  |          |
|          |                  |        | Metals Group5 | 200.7  |             | 10/28/24  | 10/28/24  |          |
| P3440-04 | 922-K1-WS-080124 | Water  |               |        | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | Mercury       | 7470A  |             | 08/12/24  | 08/13/24  |          |
|          |                  |        | Metals Group4 | 6020B  |             | 08/23/24  | 08/25/24  |          |
|          |                  |        | Metals Group5 | 200.7  |             | 10/28/24  | 10/28/24  |          |

### Hit Summary Sheet SW-846

**SDG No.:** P3440 **Order ID:** P3440  
**Client:** JACOBS Engineering Group, Inc. **Project ID:** Former Schlumberger Site Princeton NJ

| Sample ID                           | Client ID        | Matrix | Parameter | Concentration | C | MDL   | RDL  | Units |
|-------------------------------------|------------------|--------|-----------|---------------|---|-------|------|-------|
| <b>Client ID : 923-K1-WS-080124</b> |                  |        |           |               |   |       |      |       |
| P3440-01                            | 923-K1-WS-080124 | Water  | Aluminum  | 62.5          |   | 1.98  | 20.0 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Arsenic   | 0.79          | J | 0.090 | 1.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Barium    | 64.4          |   | 0.30  | 10.0 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Calcium   | 22300         |   | 62.5  | 500  | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Cobalt    | 0.62          | J | 0.062 | 1.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Copper    | 0.83          | J | 0.40  | 2.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Iron      | 3220          |   | 9.60  | 50.0 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Lead      | 0.52          | J | 0.11  | 1.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Magnesium | 4260          |   | 26.6  | 500  | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Manganese | 859           |   | 0.24  | 1.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Nickel    | 0.65          | J | 0.18  | 1.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Potassium | 3940          |   | 46.1  | 500  | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Sodium    | 96900         |   | 85.8  | 500  | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Vanadium  | 0.53          | J | 0.072 | 5.00 | ug/L  |
| P3440-01                            | 923-K1-WS-080124 | Water  | Zinc      | 3.92          | J | 0.56  | 5.00 | ug/L  |
| <b>Client ID : 922-K1-WS-080124</b> |                  |        |           |               |   |       |      |       |
| P3440-04                            | 922-K1-WS-080124 | Water  | Aluminum  | 54.2          |   | 1.98  | 20.0 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Arsenic   | 0.39          | J | 0.090 | 1.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Barium    | 84.9          |   | 0.30  | 10.0 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Calcium   | 38500         |   | 62.5  | 500  | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Chromium  | 0.50          | J | 0.40  | 2.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Cobalt    | 5.23          |   | 0.062 | 1.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Iron      | 5110          |   | 9.60  | 50.0 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Lead      | 0.14          | J | 0.11  | 1.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Magnesium | 8650          |   | 26.6  | 500  | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Manganese | 1100          |   | 0.24  | 1.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Nickel    | 0.94          | J | 0.18  | 1.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Potassium | 6700          |   | 46.1  | 500  | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Sodium    | 228000        |   | 85.8  | 500  | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Vanadium  | 0.32          | J | 0.072 | 5.00 | ug/L  |
| P3440-04                            | 922-K1-WS-080124 | Water  | Zinc      | 20.8          |   | 0.56  | 5.00 | ug/L  |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24 |
| Client Sample ID: | 923-K1-WS-080124                      | SDG No.:        | P3440    |
| Lab Sample ID:    | P3440-01                              | Matrix:         | Water    |
| Level (low/med):  | low                                   | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|-------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 62.5  |      | 1  | 1.98  | 20.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-36-0 | Antimony  | 0.11  | U    | 1  | 0.11  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 0.79  | J    | 1  | 0.090 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 64.4  |      | 1  | 0.30  | 10.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.16  | U    | 1  | 0.16  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 0.30  | U    | 1  | 0.30  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-70-2 | Calcium   | 22300 |      | 1  | 62.5  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 0.40  | U    | 1  | 0.40  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-48-4 | Cobalt    | 0.62  | J    | 1  | 0.062 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 0.83  | J    | 1  | 0.40  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7439-89-6 | Iron      | 3220  |      | 1  | 9.60  | 50.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 0.52  | J    | 1  | 0.11  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7439-95-4 | Magnesium | 4260  |      | 1  | 26.6  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7439-96-5 | Manganese | 859   |      | 1  | 0.24  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7439-97-6 | Mercury   | 0.081 | U    | 1  | 0.081 | 0.20       | ug/L  | 08/12/24 16:13 | 08/13/24 10:23 | SW7470A  |           |
| 7440-02-0 | Nickel    | 0.65  | J    | 1  | 0.18  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-09-7 | Potassium | 3940  |      | 1  | 46.1  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 1.38  | U    | 1  | 1.38  | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 0.077 | UN   | 1  | 0.077 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-23-5 | Sodium    | 96900 |      | 1  | 85.8  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 0.085 | U    | 1  | 0.085 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-62-2 | Vanadium  | 0.53  | J    | 1  | 0.072 | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |
| 7440-66-6 | Zinc      | 3.92  | J    | 1  | 0.56  | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:13 | SW6020   | 3010A     |

|               |           |                 |       |            |        |
|---------------|-----------|-----------------|-------|------------|--------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture:   | Medium |
| Color After:  | Colorless | Clarity After:  | N/A   | Artifacts: | N/A    |
| Comments:     | Mercury   |                 |       |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |          |
|-------------------|---------------------------------------|-----------------|----------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24 |
| Client Sample ID: | 922-K1-WS-080124                      | SDG No.:        | P3440    |
| Lab Sample ID:    | P3440-04                              | Matrix:         | Water    |
| Level (low/med):  | low                                   | % Solid:        | 0        |

| Cas       | Parameter | Conc.  | Qua. | DF | MDL   | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|-----------|--------|------|----|-------|------------|-------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum  | 54.2   |      | 1  | 1.98  | 20.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-36-0 | Antimony  | 0.11   | U    | 1  | 0.11  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-38-2 | Arsenic   | 0.39   | J    | 1  | 0.090 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-39-3 | Barium    | 84.9   |      | 1  | 0.30  | 10.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-41-7 | Beryllium | 0.16   | U    | 1  | 0.16  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-43-9 | Cadmium   | 0.30   | U    | 1  | 0.30  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-70-2 | Calcium   | 38500  |      | 1  | 62.5  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-47-3 | Chromium  | 0.50   | J    | 1  | 0.40  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-48-4 | Cobalt    | 5.23   |      | 1  | 0.062 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-50-8 | Copper    | 0.40   | U    | 1  | 0.40  | 2.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7439-89-6 | Iron      | 5110   |      | 1  | 9.60  | 50.0       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7439-92-1 | Lead      | 0.14   | J    | 1  | 0.11  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7439-95-4 | Magnesium | 8650   |      | 1  | 26.6  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7439-96-5 | Manganese | 1100   |      | 1  | 0.24  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7439-97-6 | Mercury   | 0.081  | U    | 1  | 0.081 | 0.20       | ug/L  | 08/12/24 16:13 | 08/13/24 10:39 | SW7470A  |           |
| 7440-02-0 | Nickel    | 0.94   | J    | 1  | 0.18  | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-09-7 | Potassium | 6700   |      | 1  | 46.1  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7782-49-2 | Selenium  | 1.38   | U    | 1  | 1.38  | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-22-4 | Silver    | 0.077  | UN   | 1  | 0.077 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-23-5 | Sodium    | 228000 |      | 1  | 85.8  | 500        | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-28-0 | Thallium  | 0.085  | U    | 1  | 0.085 | 1.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-62-2 | Vanadium  | 0.32   | J    | 1  | 0.072 | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |
| 7440-66-6 | Zinc      | 20.8   |      | 1  | 0.56  | 5.00       | ug/L  | 08/23/24 15:00 | 08/25/24 18:22 | SW6020   | 3010A     |

|               |           |                 |       |            |        |
|---------------|-----------|-----------------|-------|------------|--------|
| Color Before: | Colorless | Clarity Before: | Clear | Texture:   | Medium |
| Color After:  | Colorless | Clarity After:  | N/A   | Artifacts: | N/A    |
| Comments:     | Mercury   |                 |       |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N = Spiked sample recovery not within control limits



## LAB CHRONICLE

|                 |                                |                   |                                       |
|-----------------|--------------------------------|-------------------|---------------------------------------|
| <b>OrderID:</b> | P3440                          | <b>OrderDate:</b> | 8/1/2024 12:28:00 PM                  |
| <b>Client:</b>  | JACOBS Engineering Group, Inc. | <b>Project:</b>   | Former Schlumberger Site Princeton NJ |
| <b>Contact:</b> | Mary I. Murphy                 | <b>Location:</b>  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test          | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|------------------|--------|---------------|--------|-------------|-----------|-----------|----------|
| P3440-01 | 923-K1-WS-080124 | Water  |               |        | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | Mercury       | 7470A  |             | 08/12/24  | 08/13/24  |          |
|          |                  |        | Metals Group4 | 6020B  |             | 08/23/24  | 08/25/24  |          |
|          |                  |        | Metals Group5 | 200.7  |             | 10/28/24  | 10/28/24  |          |
| P3440-04 | 922-K1-WS-080124 | Water  |               |        | 08/01/24    |           |           | 08/01/24 |
|          |                  |        | Mercury       | 7470A  |             | 08/12/24  | 08/13/24  |          |
|          |                  |        | Metals Group4 | 6020B  |             | 08/23/24  | 08/25/24  |          |
|          |                  |        | Metals Group5 | 200.7  |             | 10/28/24  | 10/28/24  |          |



A

B

C

# SAMPLE DATA

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 09:15 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24       |
| Client Sample ID: | 923-K1-WS-080124                      | SDG No.:        | P3440          |
| Lab Sample ID:    | P3440-01                              | Matrix:         | WATER          |
|                   |                                       | % Solid:        | 0              |

| Parameter                     | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-------------------------------|--------|------|----|--------|------------|-------|-----------|----------------|----------|
| Dissolved Hexavalent Chromium | 0.0030 | U    | 1  | 0.0030 | 0.010      | mg/L  |           | 08/01/24 15:34 | 7196A    |

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                                       |                 |                |
|-------------------|---------------------------------------|-----------------|----------------|
| Client:           | JACOBS Engineering Group, Inc.        | Date Collected: | 08/01/24 11:10 |
| Project:          | Former Schlumberger Site Princeton NJ | Date Received:  | 08/01/24       |
| Client Sample ID: | 922-K1-WS-080124                      | SDG No.:        | P3440          |
| Lab Sample ID:    | P3440-04                              | Matrix:         | WATER          |
|                   |                                       | % Solid:        | 0              |

| Parameter                     | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units | Prep Date | Date Ana.      | Ana Met. |
|-------------------------------|--------|------|----|--------|------------|-------|-----------|----------------|----------|
| Dissolved Hexavalent Chromium | 0.0030 | U    | 1  | 0.0030 | 0.010      | mg/L  |           | 08/01/24 15:38 | 7196A    |

Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements  
 H = Sample Analysis Out Of Hold Time

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

LAB CHRONICLE

|          |                                |            |                                       |
|----------|--------------------------------|------------|---------------------------------------|
| OrderID: | P3440                          | OrderDate: | 8/1/2024 12:28:00 PM                  |
| Client:  | JACOBS Engineering Group, Inc. | Project:   | Former Schlumberger Site Princeton NJ |
| Contact: | Mary I. Murphy                 | Location:  | D31,VOA Ref. #3 Water                 |

| LabID    | ClientID         | Matrix | Test                | Method | Sample Date       | Prep Date | Anal Date         | Received |
|----------|------------------|--------|---------------------|--------|-------------------|-----------|-------------------|----------|
| P3440-01 | 923-K1-WS-080124 | WATER  | Hexavalent Chromium | 7196A  | 08/01/24<br>09:15 |           | 08/01/24<br>15:34 | 08/01/24 |
| P3440-04 | 922-K1-WS-080124 | WATER  | Hexavalent Chromium | 7196A  | 08/01/24<br>11:10 |           | 08/01/24<br>15:38 | 08/01/24 |