

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: |               |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  |               |
| Client Sample ID:  | PB162723BL                            | SDG No.:        | P3596         |
| Lab Sample ID:     | PB162723BL                            | Matrix:         | Water         |
| Analytical Method: | SW8270SIM                             | % Solid:        | 0             |
| Sample Wt/Vol:     | 1000 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 |
| BN033466.D        | 1         | 08/14/24 08:45 | 08/17/24 13:56 | PB162723      |

| CAS Number                | Parameter               | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units    |
|---------------------------|-------------------------|-------|-----------|---------------------|------------|----------|
| <b>TARGETS</b>            |                         |       |           |                     |            |          |
| 91-20-3                   | Naphthalene             | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 91-57-6                   | 2-Methylnaphthalene     | 0.030 | U         | 0.030               | 0.10       | ug/L     |
| 208-96-8                  | Acenaphthylene          | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 83-32-9                   | Acenaphthene            | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 86-73-7                   | Fluorene                | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 85-01-8                   | Phenanthrene            | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 120-12-7                  | Anthracene              | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 206-44-0                  | Fluoranthene            | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 129-00-0                  | Pyrene                  | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 56-55-3                   | Benzo(a)anthracene      | 0.020 | U         | 0.020               | 0.10       | ug/L     |
| 218-01-9                  | Chrysene                | 0.030 | U         | 0.030               | 0.10       | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene    | 0.030 | U         | 0.030               | 0.10       | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene    | 0.030 | U         | 0.030               | 0.10       | ug/L     |
| 50-32-8                   | Benzo(a)pyrene          | 0.060 | U         | 0.060               | 0.10       | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene  | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene  | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene    | 0.040 | U         | 0.040               | 0.10       | ug/L     |
| 123-91-1                  | 1,4-Dioxane             | 0.070 | U         | 0.070               | 0.20       | ug/L     |
| <b>SURROGATES</b>         |                         |       |           |                     |            |          |
| 7297-45-2                 | 2-Methylnaphthalene-d10 | 0.31  |           | 30 (20) - 150 (139) | 77%        | SPK: 0.4 |
| 93951-69-0                | Fluoranthene-d10        | 0.34  |           | 30 (30) - 150 (150) | 85%        | SPK: 0.4 |
| 4165-60-0                 | Nitrobenzene-d5         | 0.41  |           | 30 (27) - 130 (123) | 101%       | SPK: 0.4 |
| 321-60-8                  | 2-Fluorobiphenyl        | 0.38  |           | 30 (34) - 130 (132) | 94%        | SPK: 0.4 |
| 1718-51-0                 | Terphenyl-d14           | 0.43  |           | 30 (35) - 130 (157) | 108%       | SPK: 0.4 |
| <b>INTERNAL STANDARDS</b> |                         |       |           |                     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4  | 7680  | 7.559     |                     |            |          |
| 1146-65-2                 | Naphthalene-d8          | 19300 | 10.325    |                     |            |          |
| 15067-26-2                | Acenaphthene-d10        | 7600  | 14.189    |                     |            |          |
| 1517-22-2                 | Phenanthrene-d10        | 14500 | 16.942    |                     |            |          |

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|------------|--------------|-------|-----------|-----|------------|-------|
| 1719-03-5  | Chrysene-d12 | 11800 | 21.148    |     |            |       |
| 1520-96-3  | Perylene-d12 | 13700 | 23.32     |     |            |       |

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