

## Report of Analysis

|                    |                                       |                 |               |
|--------------------|---------------------------------------|-----------------|---------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: |               |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  |               |
| Client Sample ID:  | PB162423BL                            | SDG No.:        | P3426         |
| Lab Sample ID:     | PB162423BL                            | Matrix:         | Water         |
| Analytical Method: | SW8270                                | % Solid:        | 0             |
| Sample Wt/Vol:     | 1000 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 |
| BF138883.D        | 1         | 08/01/24 08:20 | 08/09/24 11:52 | PB162423      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                            |       |           |      |            |       |
| 110-86-1       | Pyridine                   | 1.60  | U         | 1.60 | 5.00       | ug/L  |
| 100-52-7       | Benzaldehyde               | 4.00  | U         | 4.00 | 10.0       | ug/L  |
| 95-48-7        | 2-Methylphenol             | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 65794-96-9     | 3+4-Methylphenols          | 1.20  | U         | 1.20 | 10.0       | ug/L  |
| 67-72-1        | Hexachloroethane           | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene               | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene        | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene        | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol      | 0.89  | U         | 0.89 | 5.00       | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol      | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 208-96-8       | Acenaphthylene             | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 83-32-9        | Acenaphthene               | 0.81  | U         | 0.81 | 5.00       | ug/L  |
| 132-64-9       | Dibenzofuran               | 0.93  | U         | 0.93 | 5.00       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene         | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 86-73-7        | Fluorene                   | 0.96  | U         | 0.96 | 5.00       | ug/L  |
| 118-74-1       | Hexachlorobenzene          | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 87-86-5        | Pentachlorophenol          | 1.90  | U         | 1.90 | 10.0       | ug/L  |
| 85-01-8        | Phenanthrene               | 0.89  | U         | 0.89 | 5.00       | ug/L  |
| 120-12-7       | Anthracene                 | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 86-74-8        | Carbazole                  | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 84-74-2        | Di-n-butylphthalate        | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 206-44-0       | Fluoranthene               | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 129-00-0       | Pyrene                     | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 56-55-3        | Benzo(a)anthracene         | 0.94  | U         | 0.94 | 5.00       | ug/L  |
| 218-01-9       | Chrysene                   | 0.86  | U         | 0.86 | 5.00       | ug/L  |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 1.90  | U         | 1.90 | 5.00       | ug/L  |
| 205-99-2       | Benzo(b)fluoranthene       | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 207-08-9       | Benzo(k)fluoranthene       | 1.20  | U         | 1.20 | 5.00       | ug/L  |

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|------------|------------------------|-------|-----------|------|------------|-------|
| 50-32-8    | Benzo(a)pyrene         | 1.70  | U         | 1.70 | 5.00       | ug/L  |
| 193-39-5   | Indeno(1,2,3-cd)pyrene | 1.00  | U         | 1.00 | 5.00       | ug/L  |
| 53-70-3    | Dibenzo(a,h)anthracene | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 191-24-2   | Benzo(g,h,i)perylene   | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 123-91-1   | 1,4-Dioxane            | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 90-12-0    | 1-Methylnaphthalene    | 0.86  | U         | 0.86 | 5.00       | ug/L  |

### SURROGATES

|            |                      |     |   |                     |      |          |
|------------|----------------------|-----|---|---------------------|------|----------|
| 367-12-4   | 2-Fluorophenol       | 161 |   | 15 (10) - 110 (139) | 107% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 161 |   | 15 (10) - 110 (134) | 107% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 108 |   | 30 (49) - 130 (133) | 108% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 106 |   | 30 (52) - 130 (132) | 106% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 179 | * | 15 (44) - 110 (137) | 120% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 129 |   | 30 (48) - 130 (125) | 129% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 40900  | 6.84   |
| 1146-65-2  | Naphthalene-d8         | 169000 | 8.122  |
| 15067-26-2 | Acenaphthene-d10       | 101000 | 9.875  |
| 1517-22-2  | Phenanthrene-d10       | 196000 | 11.357 |
| 1719-03-5  | Chrysene-d12           | 117000 | 13.998 |
| 1520-96-3  | Perylene-d12           | 79000  | 15.463 |

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