

## Report of Analysis

|                    |                                       |                 |                              |
|--------------------|---------------------------------------|-----------------|------------------------------|
| Client:            | JACOBS Engineering Group, Inc.        | Date Collected: | 08/19/24                     |
| Project:           | Former Schlumberger Site Princeton NJ | Date Received:  | 08/19/24                     |
| Client Sample ID:  | S-912-J-SO-0.5-1-081924               | SDG No.:        | P3671                        |
| Lab Sample ID:     | P3671-14                              | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                                | % Solid:        | 51.5                         |
| Sample Wt/Vol:     | 30.05      Units:    g                | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group5                |
| Extraction Type :  | Decanted :      N                     | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0                   | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                                |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM047314.D        | 1         | 08/21/24 08:50 | 08/22/24 13:11 | PB162876      |

| CAS Number     | Parameter                  | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|----------------|----------------------------|-------|-----------|-----|------------|-------------------|
| <b>TARGETS</b> |                            |       |           |     |            |                   |
| 110-86-1       | Pyridine                   | 150   | U         | 150 | 330        | ug/Kg             |
| 100-52-7       | Benzaldehyde               | 350   | U         | 350 | 640        | ug/Kg             |
| 95-48-7        | 2-Methylphenol             | 160   | U         | 160 | 330        | ug/Kg             |
| 98-86-2        | Acetophenone               | 170   | U         | 170 | 330        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols          | 150   | U         | 150 | 640        | ug/Kg             |
| 98-95-3        | Nitrobenzene               | 180   | U         | 180 | 330        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol         | 150   | U         | 150 | 330        | ug/Kg             |
| 91-20-3        | Naphthalene                | 160   | U         | 160 | 330        | ug/Kg             |
| 91-57-6        | 2-Methylnaphthalene        | 160   | U         | 160 | 330        | ug/Kg             |
| 88-06-2        | 2,4,6-Trichlorophenol      | 140   | U         | 140 | 330        | ug/Kg             |
| 95-95-4        | 2,4,5-Trichlorophenol      | 140   | U         | 140 | 330        | ug/Kg             |
| 208-96-8       | Acenaphthylene             | 170   | U         | 170 | 330        | ug/Kg             |
| 83-32-9        | Acenaphthene               | 160   | U         | 160 | 330        | ug/Kg             |
| 132-64-9       | Dibenzofuran               | 160   | U         | 160 | 330        | ug/Kg             |
| 86-73-7        | Fluorene                   | 170   | U         | 170 | 330        | ug/Kg             |
| 118-74-1       | Hexachlorobenzene          | 160   | U         | 160 | 330        | ug/Kg             |
| 87-86-5        | Pentachlorophenol          | 150   | U         | 150 | 640        | ug/Kg             |
| 85-01-8        | Phenanthrene               | 160   | U         | 160 | 330        | ug/Kg             |
| 86-74-8        | Carbazole                  | 160   | U         | 160 | 330        | ug/Kg             |
| 84-74-2        | Di-n-butylphthalate        | 160   | U         | 160 | 330        | ug/Kg             |
| 206-44-0       | Fluoranthene               | 160   | U         | 160 | 330        | ug/Kg             |
| 129-00-0       | Pyrene                     | 160   | U         | 160 | 330        | ug/Kg             |
| 56-55-3        | Benzo(a)anthracene         | 160   | U         | 160 | 330        | ug/Kg             |
| 218-01-9       | Chrysene                   | 150   | U         | 150 | 330        | ug/Kg             |
| 117-81-7       | Bis(2-ethylhexyl)phthalate | 180   | U         | 180 | 330        | ug/Kg             |
| 205-99-2       | Benzo(b)fluoranthene       | 160   | U         | 160 | 330        | ug/Kg             |
| 207-08-9       | Benzo(k)fluoranthene       | 160   | U         | 160 | 330        | ug/Kg             |
| 50-32-8        | Benzo(a)pyrene             | 180   | U         | 180 | 330        | ug/Kg             |
| 193-39-5       | Indeno(1,2,3-cd)pyrene     | 150   | U         | 150 | 330        | ug/Kg             |

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| Analytical Method: | SW8270                                | % Solid:        | 51.5          |
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| Soil Aliquot Vol:  | uL                                    | Test:           | SVOCMS Group5 |
| Extraction Type :  | Decanted : N                          | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0                      | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3541                                |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
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| BM047314.D        | 1         | 08/21/24 08:50 | 08/22/24 13:11 | PB162876      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|---------------------|------------|-------------------|
| 53-70-3                   | Dibenzo(a,h)anthracene | 160     | U         | 160                 | 330        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 160     | U         | 160                 | 330        | ug/Kg             |
| 123-91-1                  | 1,4-Dioxane            | 210     | U         | 210                 | 330        | ug/Kg             |
| 90-12-0                   | 1-Methylnaphthalene    | 160     | U         | 160                 | 330        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |                     |            |                   |
| 367-12-4                  | 2-Fluorophenol         | 69.3    |           | 30 (18) - 130 (112) | 46%        | SPK: 150          |
| 13127-88-3                | Phenol-d6              | 65.3    |           | 30 (15) - 130 (107) | 44%        | SPK: 150          |
| 4165-60-0                 | Nitrobenzene-d5        | 44.9    |           | 30 (18) - 130 (107) | 45%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 37.0    |           | 30 (20) - 130 (109) | 37%        | SPK: 100          |
| 118-79-6                  | 2,4,6-Tribromophenol   | 68.7    |           | 30 (10) - 130 (116) | 46%        | SPK: 150          |
| 1718-51-0                 | Terphenyl-d14          | 34.7    |           | 30 (10) - 130 (105) | 35%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |                     |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 252000  | 7.351     |                     |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 951000  | 10.104    |                     |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 635000  | 14.01     |                     |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1370000 | 16.774    |                     |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1280000 | 21.015    |                     |            |                   |
| 1520-96-3                 | Perylene-d12           | 1310000 | 23.709    |                     |            |                   |

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