

## Report of Analysis

|                    |                            |                 |               |
|--------------------|----------------------------|-----------------|---------------|
| Client:            | Arcadis                    | Date Collected: | 09/11/25      |
| Project:           | ARC Sayreville PostEx 2025 | Date Received:  | 09/11/25      |
| Client Sample ID:  | EB(20250911)               | SDG No.:        | Q3084         |
| Lab Sample ID:     | Q3084-22                   | Matrix:         | Water         |
| Analytical Method: | SFAM_SVOC                  | % Solid:        | 0             |
| Sample Wt/Vol:     | 1000 Units: mL             | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL                         | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N               | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0           | GPC Cleanup :   | N PH :        |
| Prep Method :      |                            |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BG064406.D        | 1         | 09/16/25 09:40 | 09/17/25 05:41 | PB169711      |

| CAS Number                | Parameter                   | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|---------------------------|-----------------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>            |                             |        |           |          |            |         |
| 111-44-4                  | Bis(2-Chloroethyl)ether     | 10.0   | U         | 1.60     | 10.0       | ug/L    |
| 98-95-3                   | Nitrobenzene                | 5.00   | U         | 1.30     | 5.00       | ug/L    |
| 78-59-1                   | Isophorone                  | 5.00   | U         | 1.30     | 5.00       | ug/L    |
| <b>SURROGATES</b>         |                             |        |           |          |            |         |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8 | 41.5   |           | 25 - 120 | 104%       | SPK: 40 |
| 4165-60-0                 | Nitrobenzene-d5             | 44.5   |           | 20 - 125 | 111%       | SPK: 40 |
| 191656-33-4               | 4-Chloroaniline-d4          | 37.7   |           | 1 - 146  | 94%        | SPK: 40 |
| 85448-30-2                | Dimethylphthalate-d6        | 47.8   |           | 25 - 130 | 120%       | SPK: 40 |
| 93951-97-4                | Acenaphthylene-d8           | 47.7   |           | 10 - 130 | 119%       | SPK: 40 |
| 81103-79-9                | Fluorene-d10                | 49.0   |           | 25 - 125 | 123%       | SPK: 40 |
| 1719-06-8                 | Anthracene-d10              | 50.9   |           | 25 - 130 | 127%       | SPK: 40 |
| 1718-52-1                 | Pyrene-d10                  | 49.4   |           | 15 - 130 | 123%       | SPK: 40 |
| 63466-71-7                | Benzo(a)pyrene-d12          | 52.4   | *         | 20 - 130 | 131%       | SPK: 40 |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |         |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4      | 17400  | 7.843     |          |            |         |
| 1146-65-2                 | Naphthalene-d8              | 75400  | 10.628    |          |            |         |
| 15067-26-2                | Acenaphthene-d10            | 55200  | 14.47     |          |            |         |
| 1517-22-2                 | Phenanthrene-d10            | 140000 | 17.208    |          |            |         |
| 1719-03-5                 | Chrysene-d12                | 156000 | 21.433    |          |            |         |
| 1520-96-3                 | Perylene-d12                | 175000 | 24.435    |          |            |         |

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