

## Report of Analysis

|                    |                                        |                  |                 |               |
|--------------------|----------------------------------------|------------------|-----------------|---------------|
| Client:            | Alliance Technical Group, LLC - Newark |                  | Date Collected: |               |
| Project:           | NJ Waste Water PT                      |                  | Date Received:  |               |
| Client Sample ID:  | PB167097BL                             |                  | SDG No.:        | Q1502         |
| Lab Sample ID:     | PB167097BL                             |                  | Matrix:         | Water         |
| Analytical Method: | SW8270                                 |                  | % 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 :      | SW3510C                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141940.D        | 1         | 03/12/25 08:45 | 03/13/25 12:47 | PB167097      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 0.86  | U         | 0.86 | 10.0       | ug/L  |
| 110-86-1       | Pyridine                    | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 62-53-3        | Aniline                     | 1.50  | U         | 1.50 | 5.00       | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 0.81  | U         | 0.81 | 5.00       | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.59  | U         | 0.59 | 5.00       | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.53  | U         | 0.53 | 5.00       | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.60  | U         | 1.60 | 10.0       | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.40  | U         | 1.40 | 2.50       | ug/L  |
| 67-72-1        | Hexachloroethane            | 0.65  | U         | 0.65 | 5.00       | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.76  | U         | 0.76 | 5.00       | ug/L  |
| 78-59-1        | Isophorone                  | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 0.68  | U         | 0.68 | 5.00       | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 0.54  | U         | 0.54 | 5.00       | ug/L  |
| 91-20-3        | Naphthalene                 | 0.50  | U         | 0.50 | 5.00       | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 0.84  | U         | 0.84 | 5.00       | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.54  | U         | 0.54 | 5.00       | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 0.56  | U         | 0.56 | 5.00       | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.60  | U         | 3.60 | 10.0       | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.30  | U         | 1.30 | 5.00       | ug/L  |
| 131-11-3       | Dimethylphthalate           | 0.61  | U         | 0.61 | 5.00       | ug/L  |
| 208-96-8       | Acenaphthylene              | 0.75  | U         | 0.75 | 5.00       | ug/L  |
| 606-20-2       | 2,6-Dinitrotoluene          | 0.92  | U         | 0.92 | 5.00       | ug/L  |
| 99-09-2        | 3-Nitroaniline              | 1.10  | U         | 1.10 | 5.00       | ug/L  |
| 83-32-9        | Acenaphthene                | 0.55  | U         | 0.55 | 5.00       | ug/L  |
| 121-14-2       | 2,4-Dinitrotoluene          | 1.20  | U         | 1.20 | 5.00       | ug/L  |
| 84-66-2        | Diethylphthalate            | 0.69  | U         | 0.69 | 5.00       | ug/L  |

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| Client Sample ID:  | PB167097BL                             |                  | SDG No.:        | Q1502         |
| Lab Sample ID:     | PB167097BL                             |                  | Matrix:         | Water         |
| Analytical Method: | SW8270                                 |                  | % 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 :      | SW3510C                                |                  |                 |               |

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| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BF141940.D        | 1         | 03/12/25 08:45 | 03/13/25 12:47 | PB167097      |

| CAS Number        | Parameter                  | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|-------------------|----------------------------|-------|-----------|----------|------------|----------|
| 7005-72-3         | 4-Chlorophenyl-phenylether | 0.68  | U         | 0.68     | 5.00       | ug/L     |
| 86-73-7           | Fluorene                   | 0.63  | U         | 0.63     | 5.00       | ug/L     |
| 100-01-6          | 4-Nitroaniline             | 1.50  | U         | 1.50     | 5.00       | ug/L     |
| 86-30-6           | n-Nitrosodiphenylamine     | 0.58  | U         | 0.58     | 5.00       | ug/L     |
| 101-55-3          | 4-Bromophenyl-phenylether  | 0.40  | U         | 0.40     | 5.00       | ug/L     |
| 118-74-1          | Hexachlorobenzene          | 0.52  | U         | 0.52     | 5.00       | ug/L     |
| 85-01-8           | Phenanthrene               | 0.50  | U         | 0.50     | 5.00       | ug/L     |
| 120-12-7          | Anthracene                 | 0.61  | U         | 0.61     | 5.00       | ug/L     |
| 86-74-8           | Carbazole                  | 0.72  | U         | 0.72     | 5.00       | ug/L     |
| 84-74-2           | Di-n-butylphthalate        | 1.20  | U         | 1.20     | 5.00       | ug/L     |
| 206-44-0          | Fluoranthene               | 0.82  | U         | 0.82     | 5.00       | ug/L     |
| 92-87-5           | Benzidine                  | 4.30  | U         | 4.30     | 10.0       | ug/L     |
| 129-00-0          | Pyrene                     | 0.50  | U         | 0.50     | 5.00       | ug/L     |
| 85-68-7           | Butylbenzylphthalate       | 1.90  | U         | 1.90     | 5.00       | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 0.93  | U         | 0.93     | 10.0       | ug/L     |
| 56-55-3           | Benzo(a)anthracene         | 0.45  | U         | 0.45     | 5.00       | ug/L     |
| 218-01-9          | Chrysene                   | 0.44  | U         | 0.44     | 5.00       | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.60  | U         | 1.60     | 5.00       | ug/L     |
| 117-84-0          | Di-n-octyl phthalate       | 2.30  | U         | 2.30     | 10.0       | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene       | 0.49  | U         | 0.49     | 5.00       | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene       | 0.48  | U         | 0.48     | 5.00       | ug/L     |
| 50-32-8           | Benzo(a)pyrene             | 0.55  | U         | 0.55     | 5.00       | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 0.59  | U         | 0.59     | 5.00       | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 0.67  | U         | 0.67     | 5.00       | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene       | 0.69  | U         | 0.69     | 5.00       | ug/L     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 0.52  | U         | 0.52     | 5.00       | ug/L     |
| 123-91-1          | 1,4-Dioxane                | 1.00  | U         | 1.00     | 5.00       | ug/L     |
| 90-12-0           | 1-Methylnaphthalene        | 0.66  | U         | 0.66     | 5.00       | ug/L     |
| <b>SURROGATES</b> |                            |       |           |          |            |          |
| 367-12-4          | 2-Fluorophenol             | 134   |           | 10 - 139 | 90%        | SPK: 150 |

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| Lab Sample ID:     | PB167097BL                             |                  | Matrix:         | Water         |
| Analytical Method: | SW8270                                 |                  | % 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 :      | SW3510C                                |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
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| BF141940.D        | 1         | 03/12/25 08:45 | 03/13/25 12:47 | PB167097      |

| CAS Number | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units    |
|------------|----------------------|-------|-----------|----------|------------|----------|
| 13127-88-3 | Phenol-d6            | 130   |           | 10 - 134 | 86%        | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 93.3  |           | 49 - 133 | 93%        | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 90.0  |           | 52 - 132 | 90%        | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 154   |           | 44 - 137 | 102%       | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 87.3  |           | 48 - 125 | 87%        | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |        |        |
|------------|------------------------|--------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 177000 | 6.875  |
| 1146-65-2  | Naphthalene-d8         | 706000 | 8.157  |
| 15067-26-2 | Acenaphthene-d10       | 408000 | 9.91   |
| 1517-22-2  | Phenanthrene-d10       | 770000 | 11.392 |
| 1719-03-5  | Chrysene-d12           | 602000 | 14.027 |
| 1520-96-3  | Perylene-d12           | 427000 | 15.498 |

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