

## Report of Analysis

|                    |                                        |                  |                 |               |
|--------------------|----------------------------------------|------------------|-----------------|---------------|
| Client:            | Alliance Technical Group, LLC - Newark |                  | Date Collected: | 05/06/25      |
| Project:           | NJ Soil PT                             |                  | Date Received:  | 05/06/25      |
| Client Sample ID:  | MH-LLMSD                               |                  | SDG No.:        | Q1872         |
| Lab Sample ID:     | Q1964-01MSD                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                  |                  | % Solid:        | 80.8          |
| Sample Wt/Vol:     | 50.03                                  | Units: g         | 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 :      | SW3541                                 |                  |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050147.D        | 1         | 05/08/25 09:15 | 05/08/25 15:21 | PB167904      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|----------------|-----------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                             |       |           |      |            |                   |
| 62-75-9        | n-Nitrosodimethylamine      | 1000  |           | 24.9 | 240        | ug/Kg             |
| 110-86-1       | Pyridine                    | 980   |           | 29.1 | 130        | ug/Kg             |
| 100-52-7       | Benzaldehyde                | 570   |           | 120  | 240        | ug/Kg             |
| 62-53-3        | Aniline                     | 520   |           | 36.9 | 130        | ug/Kg             |
| 108-95-2       | Phenol                      | 1100  |           | 16.4 | 130        | ug/Kg             |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1000  |           | 18.0 | 130        | ug/Kg             |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 18.1 | 130        | ug/Kg             |
| 95-50-1        | 1,2-Dichlorobenzene         | 1000  |           | 14.4 | 130        | ug/Kg             |
| 541-73-1       | 1,3-Dichlorobenzene         | 1000  |           | 13.1 | 130        | ug/Kg             |
| 106-46-7       | 1,4-Dichlorobenzene         | 1000  |           | 13.6 | 130        | ug/Kg             |
| 100-51-6       | Benzyl Alcohol              | 1000  |           | 36.0 | 240        | ug/Kg             |
| 95-48-7        | 2-Methylphenol              | 1000  |           | 22.2 | 130        | ug/Kg             |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1000  |           | 27.8 | 130        | ug/Kg             |
| 98-86-2        | Acetophenone                | 1000  |           | 21.9 | 130        | ug/Kg             |
| 65794-96-9     | 3+4-Methylphenols           | 1000  |           | 30.5 | 240        | ug/Kg             |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 980   |           | 35.2 | 59.4       | ug/Kg             |
| 67-72-1        | Hexachloroethane            | 1000  |           | 13.1 | 130        | ug/Kg             |
| 98-95-3        | Nitrobenzene                | 1000  |           | 13.6 | 130        | ug/Kg             |
| 78-59-1        | Isophorone                  | 990   |           | 24.3 | 130        | ug/Kg             |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 43.2 | 130        | ug/Kg             |
| 105-67-9       | 2,4-Dimethylphenol          | 1100  |           | 48.1 | 130        | ug/Kg             |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1000  |           | 22.9 | 130        | ug/Kg             |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 21.0 | 130        | ug/Kg             |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1000  |           | 16.8 | 130        | ug/Kg             |
| 65-85-0        | Benzoic acid                | 1200  |           | 140  | 240        | ug/Kg             |
| 91-20-3        | Naphthalene                 | 1000  |           | 16.8 | 130        | ug/Kg             |
| 106-47-8       | 4-Chloroaniline             | 390   |           | 26.3 | 130        | ug/Kg             |
| 87-68-3        | Hexachlorobutadiene         | 1000  |           | 18.8 | 130        | ug/Kg             |
| 105-60-2       | Caprolactam                 | 980   |           | 38.7 | 240        | ug/Kg             |

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| Project:           | NJ Soil PT                             |                  | Date Received:  | 05/06/25      |
| Client Sample ID:  | MH-LLMSD                               |                  | SDG No.:        | Q1872         |
| Lab Sample ID:     | Q1964-01MSD                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                  |                  | % Solid:        | 80.8          |
| Sample Wt/Vol:     | 50.03                                  | Units: g         | 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 :      | SW3541                                 |                  |                 |               |

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| BM050147.D        | 1         | 05/08/25 09:15 | 05/08/25 15:21 | PB167904      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 59-50-7    | 4-Chloro-3-methylphenol    | 1000  |           | 21.3 | 130        | ug/Kg             |
| 91-57-6    | 2-Methylnaphthalene        | 1000  |           | 19.0 | 130        | ug/Kg             |
| 77-47-4    | Hexachlorocyclopentadiene  | 1700  |           | 86.1 | 240        | ug/Kg             |
| 88-06-2    | 2,4,6-Trichlorophenol      | 1100  |           | 14.7 | 130        | ug/Kg             |
| 95-95-4    | 2,4,5-Trichlorophenol      | 1100  |           | 21.6 | 130        | ug/Kg             |
| 92-52-4    | 1,1-Biphenyl               | 1000  |           | 16.2 | 130        | ug/Kg             |
| 91-58-7    | 2-Chloronaphthalene        | 1100  |           | 16.7 | 130        | ug/Kg             |
| 88-74-4    | 2-Nitroaniline             | 1100  |           | 35.7 | 130        | ug/Kg             |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 20.1 | 130        | ug/Kg             |
| 208-96-8   | Acenaphthylene             | 1000  |           | 21.4 | 130        | ug/Kg             |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  |           | 24.9 | 130        | ug/Kg             |
| 99-09-2    | 3-Nitroaniline             | 630   |           | 34.1 | 130        | ug/Kg             |
| 83-32-9    | Acenaphthene               | 1000  |           | 15.8 | 130        | ug/Kg             |
| 51-28-5    | 2,4-Dinitrophenol          | 2000  | E         | 170  | 240        | ug/Kg             |
| 100-02-7   | 4-Nitrophenol              | 2100  | E         | 79.4 | 240        | ug/Kg             |
| 132-64-9   | Dibenzofuran               | 1000  |           | 16.8 | 130        | ug/Kg             |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 37.2 | 130        | ug/Kg             |
| 84-66-2    | Diethylphthalate           | 990   |           | 21.0 | 130        | ug/Kg             |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1000  |           | 19.8 | 130        | ug/Kg             |
| 86-73-7    | Fluorene                   | 1000  |           | 18.8 | 130        | ug/Kg             |
| 100-01-6   | 4-Nitroaniline             | 950   |           | 47.6 | 130        | ug/Kg             |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1000  |           | 76.4 | 240        | ug/Kg             |
| 86-30-6    | n-Nitrosodiphenylamine     | 1100  |           | 24.4 | 130        | ug/Kg             |
| 103-33-3   | Azobenzene                 | 1000  |           | 21.7 | 130        | ug/Kg             |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 20.6 | 130        | ug/Kg             |
| 118-74-1   | Hexachlorobenzene          | 1100  |           | 18.8 | 130        | ug/Kg             |
| 1912-24-9  | Atrazine                   | 1100  |           | 25.2 | 130        | ug/Kg             |
| 87-86-5    | Pentachlorophenol          | 2400  | E         | 38.1 | 240        | ug/Kg             |
| 85-01-8    | Phenanthrene               | 1100  |           | 15.5 | 130        | ug/Kg             |
| 120-12-7   | Anthracene                 | 1000  |           | 24.7 | 130        | ug/Kg             |
| 86-74-8    | Carbazole                  | 1100  |           | 23.2 | 130        | ug/Kg             |

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| Client Sample ID:  | MH-LLMSD                               |                  | SDG No.:        | Q1872         |
| Lab Sample ID:     | Q1964-01MSD                            |                  | Matrix:         | SOIL          |
| Analytical Method: | 8270E                                  |                  | % Solid:        | 80.8          |
| Sample Wt/Vol:     | 50.03                                  | Units: g         | 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 :      | SW3541                                 |                  |                 |               |

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| BM050147.D        | 1         | 05/08/25 09:15 | 05/08/25 15:21 | PB167904      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOQ / CRQL | Units(Dry Weight) |
|------------|----------------------------|-------|-----------|------|------------|-------------------|
| 84-74-2    | Di-n-butylphthalate        | 1000  |           | 35.5 | 130        | ug/Kg             |
| 206-44-0   | Fluoranthene               | 1100  |           | 22.3 | 130        | ug/Kg             |
| 92-87-5    | Benzidine                  | 790   |           | 110  | 240        | ug/Kg             |
| 129-00-0   | Pyrene                     | 1000  |           | 26.7 | 130        | ug/Kg             |
| 85-68-7    | Butylbenzylphthalate       | 1000  |           | 53.0 | 130        | ug/Kg             |
| 91-94-1    | 3,3-Dichlorobenzidine      | 650   |           | 27.2 | 240        | ug/Kg             |
| 56-55-3    | Benzo(a)anthracene         | 1100  |           | 17.1 | 130        | ug/Kg             |
| 218-01-9   | Chrysene                   | 1000  |           | 14.8 | 130        | ug/Kg             |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 990   |           | 43.9 | 130        | ug/Kg             |
| 117-84-0   | Di-n-octyl phthalate       | 1000  |           | 64.4 | 240        | ug/Kg             |
| 205-99-2   | Benzo(b)fluoranthene       | 1100  |           | 14.1 | 130        | ug/Kg             |
| 207-08-9   | Benzo(k)fluoranthene       | 1000  |           | 16.6 | 130        | ug/Kg             |
| 50-32-8    | Benzo(a)pyrene             | 1100  |           | 21.9 | 130        | ug/Kg             |
| 193-39-5   | Indeno(1,2,3-cd)pyrene     | 1100  |           | 21.6 | 130        | ug/Kg             |
| 53-70-3    | Dibenzo(a,h)anthracene     | 1100  |           | 20.3 | 130        | ug/Kg             |
| 191-24-2   | Benzo(g,h,i)perylene       | 1100  |           | 19.1 | 130        | ug/Kg             |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 19.0 | 130        | ug/Kg             |
| 123-91-1   | 1,4-Dioxane                | 920   |           | 33.5 | 130        | ug/Kg             |
| 58-90-2    | 2,3,4,6-Tetrachlorophenol  | 1000  |           | 20.3 | 130        | ug/Kg             |
| 90-12-0    | 1-Methylnaphthalene        | 990   |           | 19.1 | 130        | ug/Kg             |

### SURROGATES

|            |                      |      |          |     |          |
|------------|----------------------|------|----------|-----|----------|
| 367-12-4   | 2-Fluorophenol       | 103  | 18 - 112 | 68% | SPK: 150 |
| 13127-88-3 | Phenol-d6            | 102  | 15 - 107 | 68% | SPK: 150 |
| 4165-60-0  | Nitrobenzene-d5      | 60.5 | 18 - 107 | 61% | SPK: 100 |
| 321-60-8   | 2-Fluorobiphenyl     | 53.4 | 20 - 109 | 53% | SPK: 100 |
| 118-79-6   | 2,4,6-Tribromophenol | 99.7 | 10 - 116 | 66% | SPK: 150 |
| 1718-51-0  | Terphenyl-d14        | 47.9 | 10 - 105 | 48% | SPK: 100 |

### INTERNAL STANDARDS

|           |                        |        |        |
|-----------|------------------------|--------|--------|
| 3855-82-1 | 1,4-Dichlorobenzene-d4 | 253000 | 7.74   |
| 1146-65-2 | Naphthalene-d8         | 884000 | 10.533 |

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| Client Sample ID:  | MH-LLMSD                               |                  | SDG No.:        | Q1872         |      |
| Lab Sample ID:     | Q1964-01MSD                            |                  | Matrix:         | SOIL          |      |
| Analytical Method: | 8270E                                  |                  | % Solid:        | 80.8          |      |
| Sample Wt/Vol:     | 50.03                                  | Units: g         | 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 :      | SW3541                                 |                  |                 |               |      |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050147.D        | 1         | 05/08/25 09:15 | 05/08/25 15:21 | PB167904      |

| CAS Number | Parameter        | Conc.   | Qualifier | MDL | LOQ / CRQL | Units |
|------------|------------------|---------|-----------|-----|------------|-------|
| 15067-26-2 | Acenaphthene-d10 | 557000  | 14.386    |     |            |       |
| 1517-22-2  | Phenanthrene-d10 | 1070000 | 17.139    |     |            |       |
| 1719-03-5  | Chrysene-d12     | 1110000 | 21.386    |     |            |       |
| 1520-96-3  | Perylene-d12     | 1160000 | 24.38     |     |            |       |

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