

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG No.: BF120624

Instrument ID: BNA\_F Calibration Date/Time: 12/6/2024 12:08

Lab File ID: BF140760.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                    | RRF   | RRF040 | MIN<br>RRF | %D      | MAX%D |
|-----------------------------|-------|--------|------------|---------|-------|
| n-Nitrosodimethylamine      | 0.637 | 0.605  |            | -5.024  |       |
| Pyridine                    | 1.084 | 1.123  |            | 3.598   |       |
| 2-Fluorophenol              | 1.172 | 1.219  |            | 4.01    |       |
| Benzaldehyde                | 0.820 | 0.698  |            | -14.878 |       |
| Aniline                     | 1.091 | 1.149  |            | 5.316   |       |
| Phenol-d6                   | 1.550 | 1.600  |            | 3.226   |       |
| Phenol                      | 1.583 | 1.642  |            | 3.727   | 20.0  |
| bis(2-Chloroethyl) ether    | 1.211 | 1.301  |            | 7.432   |       |
| 2-Chlorophenol              | 1.261 | 1.329  |            | 5.393   |       |
| 1,2-Dichlorobenzene         | 1.344 | 1.423  |            | 5.878   |       |
| 1,3-Dichlorobenzene         | 1.417 | 1.489  |            | 5.081   |       |
| 1,4-Dichlorobenzene         | 1.435 | 1.511  |            | 5.296   | 20.0  |
| Benzyl Alcohol              | 1.149 | 1.154  |            | 0.435   |       |
| 2-Methylphenol              | 1.010 | 1.049  |            | 3.861   |       |
| 2,2-oxybis(1-Chloropropane) | 1.431 | 1.467  |            | 2.516   |       |
| Acetophenone                | 0.488 | 0.519  |            | 6.352   |       |
| 3+4-Methylphenols           | 1.298 | 1.394  |            | 7.396   |       |
| n-Nitroso-di-n-propylamine  | 0.916 | 0.954  | 0.050      | 4.148   |       |
| Nitrobenzene-d5             | 0.391 | 0.403  |            | 3.069   |       |
| Hexachloroethane            | 0.536 | 0.558  |            | 4.104   |       |
| Nitrobenzene                | 0.404 | 0.418  |            | 3.465   |       |
| Isophorone                  | 0.652 | 0.688  |            | 5.521   |       |
| 2-Nitrophenol               | 0.179 | 0.197  |            | 10.056  | 20.0  |
| 2,4-Dimethylphenol          | 0.214 | 0.240  |            | 12.15   |       |
| bis(2-Chloroethoxy) methane | 0.397 | 0.431  |            | 8.564   |       |
| 2,4-Dichlorophenol          | 0.284 | 0.310  |            | 9.155   | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.324 | 0.348  |            | 7.407   |       |
| Benzoic acid                | 0.164 | 0.204  |            | 24.39   |       |
| Naphthalene                 | 1.030 | 1.097  |            | 6.505   |       |
| 4-Chloroaniline             | 0.308 | 0.343  |            | 11.364  |       |
| Hexachlorobutadiene         | 0.215 | 0.231  |            | 7.442   | 20.0  |
| Caprolactam                 | 0.088 | 0.093  |            | 5.682   |       |
| 4-Chloro-3-methylphenol     | 0.318 | 0.340  |            | 6.918   | 20.0  |
| 2-Methylnaphthalene         | 0.654 | 0.711  |            | 8.716   |       |
| Hexachlorocyclopentadiene   | 0.107 | 0.127  | 0.050      | 18.692  |       |
| 2,4,6-Trichlorophenol       | 0.367 | 0.389  |            | 5.995   | 20.0  |
| 2-Fluorobiphenyl            | 1.342 | 1.395  |            | 3.949   |       |
| 2,4,5-Trichlorophenol       | 0.399 | 0.420  |            | 5.263   |       |
| 1,1-Biphenyl                | 1.493 | 1.572  |            | 5.291   |       |

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Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG No.: BF120624

Instrument ID: BNA\_F Calibration Date/Time: 12/6/2024 12:08

Lab File ID: BF140760.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| 2-Chloronaphthalene        | 1.131 | 1.192  |            | 5.393  |       |
| 2-Nitroaniline             | 0.363 | 0.365  |            | 0.551  |       |
| Dimethylphthalate          | 1.317 | 1.408  |            | 6.91   |       |
| Acenaphthylene             | 1.710 | 1.791  |            | 4.737  |       |
| 2,6-Dinitrotoluene         | 0.299 | 0.319  |            | 6.689  |       |
| 3-Nitroaniline             | 0.292 | 0.309  |            | 5.822  |       |
| Acenaphthene               | 1.086 | 1.128  |            | 3.867  | 20.0  |
| 2,4-Dinitrophenol          | 0.122 | 0.186  | 0.050      | 52.459 |       |
| 4-Nitrophenol              | 0.199 | 0.251  | 0.050      | 26.131 |       |
| Dibenzofuran               | 1.657 | 1.698  |            | 2.474  |       |
| 2,4-Dinitrotoluene         | 0.397 | 0.428  |            | 7.809  |       |
| Diethylphthalate           | 1.338 | 1.450  |            | 8.371  |       |
| 4-Chlorophenyl-phenylether | 0.653 | 0.719  |            | 10.107 |       |
| Fluorene                   | 1.330 | 1.400  |            | 5.263  |       |
| 4-Nitroaniline             | 0.306 | 0.318  |            | 3.922  |       |
| 4,6-Dinitro-2-methylphenol | 0.102 | 0.125  |            | 22.549 |       |
| n-Nitrosodiphenylamine     | 0.591 | 0.622  |            | 5.245  | 20.0  |
| Azobenzene                 | 1.267 | 1.339  |            | 5.683  |       |
| 2,4,6-Tribromophenol       | 0.214 | 0.232  |            | 8.411  |       |
| 4-Bromophenyl-phenylether  | 0.206 | 0.229  |            | 11.165 |       |
| Hexachlorobenzene          | 0.238 | 0.255  |            | 7.143  |       |
| Atrazine                   | 0.166 | 0.141  |            | -15.06 |       |
| Pentachlorophenol          | 0.105 | 0.108  |            | 2.857  | 20.0  |
| Phenanthrene               | 0.961 | 1.011  |            | 5.203  |       |
| Anthracene                 | 0.940 | 1.001  |            | 6.489  |       |
| Carbazole                  | 0.905 | 0.968  |            | 6.961  |       |
| Di-n-butylphthalate        | 1.044 | 1.208  |            | 15.709 |       |
| Fluoranthene               | 1.044 | 1.149  |            | 10.057 | 20.0  |
| Benzidine                  | 0.581 | 0.555  |            | -4.475 |       |
| Pyrene                     | 1.849 | 1.921  |            | 3.894  |       |
| Terphenyl-d14              | 1.284 | 1.356  |            | 5.607  |       |
| Butylbenzylphthalate       | 0.666 | 0.741  |            | 11.261 |       |
| 3,3-Dichlorobenzidine      | 0.397 | 0.427  |            | 7.557  |       |
| Benzo(a)anthracene         | 1.324 | 1.390  |            | 4.985  |       |
| Chrysene                   | 1.211 | 1.297  |            | 7.102  |       |
| Bis(2-ethylhexyl)phthalate | 0.841 | 0.902  |            | 7.253  |       |
| Di-n-octyl phthalate       | 1.150 | 1.265  |            | 10.0   | 20.0  |
| Benzo(b)fluoranthene       | 1.256 | 1.335  |            | 6.29   |       |
| Benzo(k)fluoranthene       | 1.099 | 1.193  |            | 8.553  |       |

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Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG No.: BF120624

Instrument ID: BNA\_F Calibration Date/Time: 12/6/2024 12:08

Lab File ID: BF140760.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): \_\_\_\_\_

GC Column: DB-UI ID: 0.18 (mm)

| COMPOUND                   | RRF   | RRF040 | MIN<br>RRF | %D     | MAX%D |
|----------------------------|-------|--------|------------|--------|-------|
| Benzo(a)pyrene             | 1.021 | 1.094  |            | 7.15   | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.303 | 1.417  |            | 8.749  |       |
| Dibenzo(a,h)anthracene     | 1.067 | 1.180  |            | 10.59  |       |
| Benzo(g,h,i)perylene       | 1.089 | 1.194  |            | 9.642  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.586 | 0.622  |            | 6.143  |       |
| 1,4-Dioxane                | 0.493 | 0.492  |            | -0.203 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.306 | 0.357  |            | 16.667 |       |
| 1-Methylnaphthalene        | 0.641 | 0.695  |            | 8.424  |       |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BL | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140761.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 86.8  | U         | 86.8 | 270 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 79.9  | U         | 79.9 | 130 | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 180   | U         | 180  | 270 | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 96.9  | U         | 96.9 | 130 | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 82.9  | U         | 82.9 | 130 | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 83.7  | U         | 83.7 | 130 | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 83.5  | U         | 83.5 | 130 | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 86    | U         | 86   | 130 | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 86.5  | U         | 86.5 | 130 | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 83    | U         | 83   | 270 | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 80.6  | U         | 80.6 | 130 | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 90.9  | U         | 90.9 | 130 | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 86.9  | U         | 86.9 | 130 | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 79.8  | U         | 79.8 | 270 | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 40.3  | U         | 40.3 | 80  | 80         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 83    | U         | 83   | 130 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 90.8  | U         | 90.8 | 130 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 84.6  | U         | 84.6 | 130 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94.5  | U         | 94.5 | 130 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 93.2  | U         | 93.2 | 130 | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 85.8  | U         | 85.8 | 130 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 75.5  | U         | 75.5 | 130 | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 85.4  | U         | 85.4 | 130 | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 240   | U         | 240  | 270 | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 82.6  | U         | 82.6 | 130 | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 83.3  | U         | 83.3 | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BL             | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140761.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 86.8   | U         | 86.8   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 77.5   | U         | 77.5   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 82.5   | U         | 82.5   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 71.4   | U         | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 74     | U         | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 87.4   | U         | 87.4   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 83.3   | U         | 83.3   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 95     | U         | 95     | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 81.7   | U         | 81.7   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 86.5   | U         | 86.5   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 83.2   | U         | 83.2   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 89.2   | U         | 89.2   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 81.1   | U         | 81.1   | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 1325.1 | U         | 1325.1 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 240    | U         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 84.4   | U         | 84.4   | 130 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 86.2   | U         | 86.2   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 169.4  | U         | 169.4  | 130 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 80.1   | U         | 80.1   | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 85.6   | U         | 85.6   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 85.5   | U         | 85.5   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110    | U         | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120    | U         | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 81.6   | U         | 81.6   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 79.6   | U         | 79.6   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 78.9   | U         | 78.9   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 85     | U         | 85     | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 91.4   | U         | 91.4   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BL             | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BL             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140761.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 77.3    | U         | 77.3   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 84      | U         | 84     | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 84.4    | U         | 84.4   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 80.3    | U         | 80.3   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 84.3    | U         | 84.3   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 81.7    | U         | 81.7   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 160     | U         | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 83      | U         | 83     | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 96.8    | U         | 96.8   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 98.6    | U         | 98.6   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 80.7    | U         | 80.7   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 79.5    | U         | 79.5   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 91      | U         | 91     | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110     | U         | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 81.1    | U         | 81.1   | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 82.6    | U         | 82.6   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 93      | U         | 93     | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 78.1    | U         | 78.1   | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 81.2    | U         | 81.2   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 80.1    | U         | 80.1   | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 86.8    | U         | 86.8   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110     | U         | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 74.7    | U         | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 83.2    | U         | 83.2   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 142.342 |           | 18-112 |     | 95         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 138.343 |           | 15-107 |     | 92         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 92.734  |           | 18-107 |     | 93         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 97.311  |           | 20-109 |     | 97         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BL          | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BL          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.01      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140761.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                            | Parameter                        | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|----------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol             | 152.097 |           | 10-116 |     | 101        | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                    | 82.434  |           | 10-105 |     | 82         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                  |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 74703   | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                   | 285610  | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                 | 164143  | 9.91      |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                 | 333073  | 11.398    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                     | 265116  | 14.057    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                     | 224020  | 15.568    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-      | 66.6    | J         |        |     | 2.216      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 360     | A         |        |     | 5.11       |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BS | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BS | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140762.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1400  |           | 86.7 | 270  | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 1400  |           | 79.8 | 130  | 170        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 630   |           | 180  | 270  | 330        | ug/Kg |
| 62-53-3        | Aniline                     | 1600  |           | 96.8 | 130  | 170        | ug/Kg |
| 108-95-2       | Phenol                      | 1600  |           | 82.8 | 130  | 170        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1700  |           | 83.6 | 130  | 170        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1600  |           | 83.4 | 130  | 170        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1500  |           | 84.5 | 130  | 170        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1500  |           | 85.9 | 130  | 170        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1500  |           | 86.4 | 130  | 170        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1500  |           | 82.9 | 270  | 330        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1500  |           | 80.5 | 130  | 170        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1600  |           | 90.8 | 130  | 170        | ug/Kg |
| 98-86-2        | Acetophenone                | 1500  |           | 86.8 | 130  | 170        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1600  |           | 79.7 | 270  | 330        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1600  |           | 40.3 | 79.9 | 79.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1500  |           | 82.9 | 130  | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1400  |           | 90.7 | 130  | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1600  |           | 84.5 | 130  | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1600  |           | 94.4 | 130  | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2000  |           | 93.1 | 130  | 170        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1600  |           | 85.7 | 130  | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1600  |           | 75.4 | 130  | 170        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1500  |           | 85.3 | 130  | 170        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1300  |           | 240  | 270  | 330        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1500  |           | 82.5 | 130  | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 690   |           | 82.5 | 130  | 170        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1500  |           | 83.2 | 130  | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BS             | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140762.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1600  |           | 86.7   | 270 | 330        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1600  |           | 77.4   | 130 | 170        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 1600  |           | 82.4   | 130 | 170        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 4900  | E         | 160    | 270 | 330        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 1500  |           | 71.4   | 130 | 170        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1500  |           | 74     | 130 | 170        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 1500  |           | 87.3   | 130 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1500  |           | 83.2   | 130 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1500  |           | 94.9   | 130 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 1600  |           | 81.6   | 130 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 1600  |           | 86.4   | 130 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1500  |           | 83.1   | 130 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 950   |           | 89.1   | 130 | 170        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 1500  |           | 81     | 130 | 170        | ug/Kg |
| Total PAH  | Total PAH                                       | 25600 |           | 1323.5 | 130 | 2720       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 3000  | E         | 240    | 270 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2700  | E         | 120    | 270 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 1500  |           | 84.3   | 130 | 170        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3000  |           | 169.2  | 130 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1500  |           | 86.1   | 130 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 1600  |           | 80     | 130 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1600  |           | 85.5   | 130 | 170        | ug/Kg |
| 86-73-7    | Fluorene                                        | 1500  |           | 85.4   | 130 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1500  |           | 110    | 130 | 170        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1800  |           | 120    | 270 | 330        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 1600  |           | 81.5   | 130 | 170        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 1600  |           | 79.5   | 130 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 1600  |           | 78.8   | 130 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1600  |           | 84.9   | 130 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 1900  |           | 91.3   | 130 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BS             | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140762.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3000    | E         | 77.2   | 270 | 330        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1600    |           | 83.9   | 130 | 170        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1700    |           | 84.3   | 130 | 170        | ug/Kg     |
| 86-74-8           | Carbazole                  | 1600    |           | 80.2   | 130 | 170        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 1700    |           | 84.2   | 130 | 170        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1700    |           | 81.6   | 130 | 170        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1100    |           | 160    | 270 | 330        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1400    |           | 82.9   | 130 | 170        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1600    |           | 96.7   | 130 | 170        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1200    |           | 98.5   | 270 | 330        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1700    |           | 80.6   | 130 | 170        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1600    |           | 79.4   | 130 | 170        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1700    |           | 90.9   | 130 | 170        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 1700    |           | 110    | 270 | 330        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1500    |           | 81     | 130 | 170        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1800    |           | 82.5   | 130 | 170        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1700    |           | 92.9   | 130 | 170        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1600    |           | 78     | 130 | 170        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1700    |           | 81.1   | 130 | 170        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 1500    |           | 80     | 130 | 170        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1500    |           | 86.7   | 130 | 170        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1300    |           | 110    | 130 | 170        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1800    |           | 74.7   | 130 | 170        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1500    |           | 83.1   | 170 | 170        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 138.297 |           | 18-112 |     | 92         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 136.266 |           | 15-107 |     | 91         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 92.28   |           | 18-107 |     | 92         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 95.878  |           | 20-109 |     | 96         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/6/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/6/2024 12:00:00 AM |
| Client Sample ID:  | PB165423BS          | SDG No.:        | BF120624              |
| Lab Sample ID:     | PB165423BS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140762.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 147.705 |           | 10-116 |     | 98         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 96.033  |           | 10-105 |     | 96         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 87714   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 336659  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 192900  | 9.91      |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 363576  | 11.404    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 240000  | 14.057    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 193248  | 15.556    |        |     |            |           |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 4.3                   |
| Sample Wt/Vol:     | 30.03        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140763.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 90.6  | U         | 90.6 | 280  | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 83.4  | U         | 83.4 | 140  | 180        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 190   | U         | 190  | 280  | 340        | ug/Kg |
| 62-53-3        | Aniline                     | 100   | U         | 100  | 140  | 180        | ug/Kg |
| 108-95-2       | Phenol                      | 86.5  | U         | 86.5 | 140  | 180        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 87.4  | U         | 87.4 | 140  | 180        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 87.2  | U         | 87.2 | 140  | 180        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 88.3  | U         | 88.3 | 140  | 180        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 89.8  | U         | 89.8 | 140  | 180        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 90.3  | U         | 90.3 | 140  | 180        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 86.6  | U         | 86.6 | 280  | 340        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 84.1  | U         | 84.1 | 140  | 180        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 94.9  | U         | 94.9 | 140  | 180        | ug/Kg |
| 98-86-2        | Acetophenone                | 90.7  | U         | 90.7 | 140  | 180        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 83.3  | U         | 83.3 | 280  | 340        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 42.1  | U         | 42.1 | 83.5 | 83.5       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 86.6  | U         | 86.6 | 140  | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 94.8  | U         | 94.8 | 140  | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 88.3  | U         | 88.3 | 140  | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 98.6  | U         | 98.6 | 140  | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 97.3  | U         | 97.3 | 140  | 180        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 89.6  | U         | 89.6 | 140  | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 78.8  | U         | 78.8 | 140  | 180        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 89.1  | U         | 89.1 | 140  | 180        | ug/Kg |
| 65-85-0        | Benzoic acid                | 250   | U         | 250  | 280  | 340        | ug/Kg |
| 91-20-3        | Naphthalene                 | 860   |           | 86.2 | 140  | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 86.2  | U         | 86.2 | 140  | 180        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 87    | U         | 87   | 140  | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 4.3                   |
| Sample Wt/Vol:     | 30.03        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140763.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 90.6   | U         | 90.6   | 280 | 340        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 80.9   | U         | 80.9   | 140 | 180        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 2300   |           | 86.1   | 140 | 180        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 160    | U         | 160    | 280 | 340        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 74.5   | U         | 74.5   | 140 | 180        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 77.2   | U         | 77.2   | 140 | 180        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 500    |           | 91.2   | 140 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 87     | U         | 87     | 140 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 99.2   | U         | 99.2   | 140 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 85.3   | U         | 85.3   | 140 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 90.3   | U         | 90.3   | 140 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 86.9   | U         | 86.9   | 140 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 93.1   | U         | 93.1   | 140 | 180        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 84.7   | U         | 84.7   | 140 | 180        | ug/Kg |
| Total PAH  | Total PAH                                       | 1383.3 | U         | 1383.3 | 140 | 2880       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 250    | U         | 250    | 280 | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 120    | U         | 120    | 280 | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 88.1   | U         | 88.1   | 140 | 180        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 76.9   | U         | 176.9  | 140 | 360        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 90     | U         | 90     | 140 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 83.6   | U         | 83.6   | 140 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 89.4   | U         | 89.4   | 140 | 180        | ug/Kg |
| 86-73-7    | Fluorene                                        | 89.3   | U         | 89.3   | 140 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 110    | U         | 110    | 140 | 180        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 120    | U         | 120    | 280 | 340        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 85.2   | U         | 85.2   | 140 | 180        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 83.1   | U         | 83.1   | 140 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 82.4   | U         | 82.4   | 140 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 88.7   | U         | 88.7   | 140 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 95.4   | U         | 95.4   | 140 | 180        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374           | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 4.3                   |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140763.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 80.7   | U         | 80.7   | 280 | 340        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 280    |           | 87.7   | 140 | 180        | ug/Kg     |
| 120-12-7          | Anthracene                 | 88.1   | U         | 88.1   | 140 | 180        | ug/Kg     |
| 86-74-8           | Carbazole                  | 83.8   | U         | 83.8   | 140 | 180        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 88     | U         | 88     | 140 | 180        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 85.3   | U         | 85.3   | 140 | 180        | ug/Kg     |
| 92-87-5           | Benzidine                  | 170    | U         | 170    | 280 | 340        | ug/Kg     |
| 129-00-0          | Pyrene                     | 160    | J         | 86.6   | 140 | 180        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 100    | U         | 100    | 140 | 180        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 100    | U         | 100    | 280 | 340        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 84.2   | U         | 84.2   | 140 | 180        | ug/Kg     |
| 218-01-9          | Chrysene                   | 83     | U         | 83     | 140 | 180        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 570    |           | 95     | 140 | 180        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 110    | U         | 110    | 280 | 340        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 84.7   | U         | 84.7   | 140 | 180        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 86.2   | U         | 86.2   | 140 | 180        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 97.1   | U         | 97.1   | 140 | 180        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 81.5   | U         | 81.5   | 140 | 180        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 84.8   | U         | 84.8   | 140 | 180        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 83.6   | U         | 83.6   | 140 | 180        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 90.6   | U         | 90.6   | 140 | 180        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 110    | U         | 110    | 140 | 180        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 78     | U         | 78     | 140 | 180        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1400   |           | 86.9   | 180 | 180        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 49.684 |           | 18-112 |     | 33         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 45.684 |           | 15-107 |     | 30         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 44.615 |           | 18-107 |     | 45         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 30.969 |           | 20-109 |     | 31         | SPK: -100 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 4.3                   |
| Sample Wt/Vol:     | 30.03        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140763.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                            | Parameter                           | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol                | 37.31  |           | 10-116 |     | 25         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                       | 27.576 |           | 10-105 |     | 28         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                     |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4              | 58120  | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                      | 154680 | 8.163     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                    | 96966  | 9.928     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                    | 149935 | 11.422    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                        | 120887 | 14.086    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                        | 110610 | 15.604    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                     |        |           |        |     |            |           |
| 000526-73-8                           | Benzene, 1,2,3-trimethyl-           | 1800   | J         |        |     | 6.698      |           |
| 001074-43-7                           | Benzene, 1-methyl-3-propyl-         | 1700   | J         |        |     | 7.145      |           |
| 001758-88-9                           | Benzene, 2-ethyl-1,4-dimethyl-      | 1800   | J         |        |     | 7.192      |           |
| 013151-34-3                           | Decane, 3-methyl-                   | 1200   | J         |        |     | 7.257      |           |
| 000535-77-3                           | Benzene, 1-methyl-3-(1-methylethyl- | 400    | J         |        |     | 7.34       |           |
|                                       | unknown7.516                        | 790    | J         |        |     | 7.516      |           |
| 000629-50-5                           | Tridecane                           | 440    | J         |        |     | 8.763      |           |
| 031295-56-4                           | Dodecane, 2,6,11-trimethyl-         | 540    | J         |        |     | 9.186      |           |
|                                       | unknown9.581                        | 430    | J         |        |     | 9.581      |           |
| 000544-76-3                           | Hexadecane                          | 590    | J         |        |     | 9.645      |           |
| 000629-62-9                           | Pentadecane                         | 700    | J         |        |     | 9.863      |           |
| 1000382-54-3                          | Carbonic acid, eicosyl vinyl ester  | 1100   | J         |        |     | 10.363     |           |
| 055045-11-9                           | Tridecane, 5-propyl-                | 500    | J         |        |     | 10.575     |           |
| 000629-78-7                           | Heptadecane                         | 1100   | J         |        |     | 10.845     |           |
| 000630-01-3                           | Hexacosane                          | 700    | J         |        |     | 11.286     |           |
| 002050-77-3                           | Decane, 1-iodo-                     | 620    | J         |        |     | 11.71      |           |
| 000112-39-0                           | Hexadecanoic acid, methyl ester     | 850    | J         |        |     | 11.81      |           |
| 000112-95-8                           | Eicosane                            | 530    | J         |        |     | 12.122     |           |
| 002777-58-4                           | 6-Octadecenoic acid, methyl ester,  | 3700   | J         |        |     | 12.557     |           |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-01            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 4.3                   |
| Sample Wt/Vol:     | 30.03      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140763.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|-----|------------|-------|
|------------|-----------|-------|-----------|-----|-----|------------|-------|

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | LAW-OILY-STONES | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5137-01        | Matrix:         | Solid                 |
| Analytical Method: | 8270E           | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 50.02           | Units:          | g                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL               |
| Extraction Type :  |                 | Test:           |                       |
|                    | Decanted :      | Level :         | LOW                   |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140764.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 52.1  | U         | 52.1 | 160 | 200        | ug/Kg |
| 110-86-1       | Pyridine                    | 47.9  | U         | 47.9 | 78  | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 110   | U         | 110  | 160 | 200        | ug/Kg |
| 62-53-3        | Aniline                     | 58.1  | U         | 58.1 | 78  | 100        | ug/Kg |
| 108-95-2       | Phenol                      | 49.7  | U         | 49.7 | 78  | 100        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 50.2  | U         | 50.2 | 78  | 100        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 50.1  | U         | 50.1 | 78  | 100        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 50.7  | U         | 50.7 | 78  | 100        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 51.6  | U         | 51.6 | 78  | 100        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 51.9  | U         | 51.9 | 78  | 100        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 49.8  | U         | 49.8 | 160 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48.3  | U         | 48.3 | 78  | 100        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 54.5  | U         | 54.5 | 78  | 100        | ug/Kg |
| 98-86-2        | Acetophenone                | 52.1  | U         | 52.1 | 78  | 100        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 47.9  | U         | 47.9 | 160 | 200        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 24.2  | U         | 24.2 | 48  | 48         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 49.8  | U         | 49.8 | 78  | 100        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 54.5  | U         | 54.5 | 78  | 100        | ug/Kg |
| 78-59-1        | Isophorone                  | 50.7  | U         | 50.7 | 78  | 100        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 56.7  | U         | 56.7 | 78  | 100        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 55.9  | U         | 55.9 | 78  | 100        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 51.5  | U         | 51.5 | 78  | 100        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 45.3  | U         | 45.3 | 78  | 100        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 51.2  | U         | 51.2 | 78  | 100        | ug/Kg |
| 65-85-0        | Benzoic acid                | 140   | U         | 140  | 160 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 49.5  | U         | 49.5 | 78  | 100        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 49.5  | U         | 49.5 | 78  | 100        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 50    | U         | 50   | 78  | 100        | ug/Kg |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | LAW-OILY-STONES | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5137-01        | Matrix:         | Solid                 |
| Analytical Method: | 8270E           | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 50.02           | Units:          | g                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL               |
| Extraction Type :  |                 | Test:           |                       |
|                    | Decanted :      | Level :         | LOW                   |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140764.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 52.1  | U         | 52.1  | 160 | 200        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 46.5  | U         | 46.5  | 78  | 100        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 49.5  | U         | 49.5  | 78  | 100        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 93.6  | U         | 93.6  | 160 | 200        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 42.8  | U         | 42.8  | 78  | 100        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 44.4  | U         | 44.4  | 78  | 100        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 52.4  | U         | 52.4  | 78  | 100        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 50    | U         | 50    | 78  | 100        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 57    | U         | 57    | 78  | 100        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 49    | U         | 49    | 78  | 100        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 51.9  | U         | 51.9  | 78  | 100        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 49.9  | U         | 49.9  | 78  | 100        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 53.5  | U         | 53.5  | 78  | 100        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 48.6  | U         | 48.6  | 78  | 100        | ug/Kg |
| Total PAH  | Total PAH                                       | 794.6 | U         | 794.6 | 78  | 1600       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 150   | U         | 150   | 160 | 200        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 69.6  | U         | 69.6  | 160 | 200        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 50.6  | U         | 50.6  | 78  | 100        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 51.7  | U         | 51.7  | 78  | 100        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 101.6 | U         | 101.6 | 78  | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 48    | U         | 48    | 78  | 100        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 51.3  | U         | 51.3  | 78  | 100        | ug/Kg |
| 86-73-7    | Fluorene                                        | 51.3  | U         | 51.3  | 78  | 100        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 64.2  | U         | 64.2  | 78  | 100        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 70.2  | U         | 70.2  | 160 | 200        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 48.9  | U         | 48.9  | 78  | 100        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 47.7  | U         | 47.7  | 78  | 100        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 47.3  | U         | 47.3  | 78  | 100        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 51    | U         | 51    | 78  | 100        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 54.8  | U         | 54.8  | 78  | 100        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | LAW-OILY-STONES        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5137-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 50.02      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140764.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 46.4    | U         | 46.4   | 160 | 200        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 50.4    | U         | 50.4   | 78  | 100        | ug/Kg     |
| 120-12-7          | Anthracene                 | 50.6    | U         | 50.6   | 78  | 100        | ug/Kg     |
| 86-74-8           | Carbazole                  | 48.2    | U         | 48.2   | 78  | 100        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 50.6    | U         | 50.6   | 78  | 100        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 49      | U         | 49     | 78  | 100        | ug/Kg     |
| 92-87-5           | Benzidine                  | 97.8    | U         | 97.8   | 160 | 200        | ug/Kg     |
| 129-00-0          | Pyrene                     | 49.8    | U         | 49.8   | 78  | 100        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 58.1    | U         | 58.1   | 78  | 100        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 59.1    | U         | 59.1   | 160 | 200        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 48.4    | U         | 48.4   | 78  | 100        | ug/Kg     |
| 218-01-9          | Chrysene                   | 47.7    | U         | 47.7   | 78  | 100        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 54.6    | U         | 54.6   | 78  | 100        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 66      | U         | 66     | 160 | 200        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 48.6    | U         | 48.6   | 78  | 100        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 49.5    | U         | 49.5   | 78  | 100        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 55.8    | U         | 55.8   | 78  | 100        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 46.8    | U         | 46.8   | 78  | 100        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 48.7    | U         | 48.7   | 78  | 100        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 48      | U         | 48     | 78  | 100        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 52.1    | U         | 52.1   | 78  | 100        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 66      | U         | 66     | 78  | 100        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 44.8    | U         | 44.8   | 78  | 100        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 49.9    | U         | 49.9   | 100 | 100        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 148.999 |           | 18-112 |     | 99         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 144.567 |           | 15-107 |     | 96         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 102.697 |           | 18-107 |     | 103        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 112.225 | *         | 20-109 |     | 112        | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | LAW-OILY-STONES        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5137-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 50.02      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140764.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 135.357 |           | 10-116 |     | 90         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 91.576  |           | 10-105 |     | 92         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 62074   | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 227455  | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 119754  | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 187301  | 11.398    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 123876  | 14.051    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 139311  | 15.551    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 1400    | J         |        |     | 2.157      |           |
|                                       | unknown9.610                       | 76.8    | J         |        |     | 9.61       |           |
|                                       | unknown9.769                       | 42      | J         |        |     | 9.769      |           |
| 080655-44-3                           | Decahydro-1,1,4a,5,6-pentamethylna | 56      | J         |        |     | 9.81       |           |
|                                       | unknown10.057                      | 48.2    | J         |        |     | 10.057     |           |
|                                       | unknown10.310                      | 110     | J         |        |     | 10.31      |           |
| 003892-00-0                           | Pentadecane, 2,6,10-trimethyl-     | 350     | J         |        |     | 10.545     |           |
| 017312-60-6                           | Undecane, 6-ethyl-                 | 560     | J         |        |     | 10.816     |           |
| 000646-31-1                           | Tetracosane                        | 530     | J         |        |     | 11.28      |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140765.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140765.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140765.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9    | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89   | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5    | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3    | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1    | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1    | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3    | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94   | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86   | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9    | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5    | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7    | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1      | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3    | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79   | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86   | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 89.815 |           | 10-139 |     | 60         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 60.855 |           | 10-134 |     | 41         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 95.029 |           | 49-133 |     | 95         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 97.534 |           | 52-132 |     | 98         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140765.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number                            | Parameter                        | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|----------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol             | 129.952 |           | 44-137 |     | 87         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                    | 75.67   |           | 48-125 |     | 76         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                  |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 64961   | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                   | 244629  | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                 | 135499  | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                 | 232952  | 11.398    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                     | 138014  | 14.051    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                     | 150336  | 15.563    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-      | 170     | J         |        |     | 2.134      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 3.6     | A         |        |     | 5.093      |           |
| 000119-61-9                           | Benzophenone                     | 2.9     | J         |        |     | 10.616     |           |
| 007683-64-9                           | Supraene                         | 2.2     | J         |        |     | 14.898     |           |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001-FB-12-4-24      | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-02               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140766.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                   |                 |                       |
|--------------------|-------------------|-----------------|-----------------------|
| Client:            |                   | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                   | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001-FB-12-4-24 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-02          | Matrix:         | Water                 |
| Analytical Method: | 8270E             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000              | Units:          | mL                    |
| Soil Aliquot Vol:  |                   | Final Vol:      | 1000                  |
|                    |                   |                 | uL                    |
| Extraction Type :  |                   | Test:           |                       |
|                    | Decanted :        | Level :         | LOW                   |
| Injection Volume : |                   | GPC Factor :    |                       |
|                    |                   | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140766.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001-FB-12-4-24      | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-02               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140766.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9     | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89    | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 1.5     | U         | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1     | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1     | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3     | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94    | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 1.9     | U         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5     | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7     | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1       | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2     | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1     | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3     | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79    | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86    | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 101.31  |           | 10-139 |     | 68         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 65.022  |           | 10-134 |     | 43         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 105.357 |           | 49-133 |     | 105        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 109.104 |           | 52-132 |     | 109        | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | LL-001-FB-12-4-24      | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5093-02               | Matrix:         | Water                 |
| Analytical Method: | 8270E                  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140766.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number                            | Parameter                         | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol              | 142.198 |           | 44-137 |     | 95         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                     | 103.373 |           | 48-125 |     | 103        | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                   |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 71328   | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                    | 277405  | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                  | 168241  | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                  | 294061  | 11.398    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                      | 155103  | 14.051    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                      | 186876  | 15.563    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-       | 170     | J         |        |     | 2.134      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl-  | 4       | A         |        |     | 5.093      |           |
| 000106-62-7                           | 1-Propanol, 2-(2-hydroxypropoxy)- | 2.2     | J         |        |     | 8.386      |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 286085     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5145-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140767.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1     | U         | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 4     | U         | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 1.6   | U         | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 0.93  | U         | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1.2   | U         | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 0.71  | U         | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 0.8   | U         | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 0.84  | U         | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 1.6   | U         | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 1.2   | U         | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1     | U         | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 2     | U         | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.5   | U         | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1     | U         | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.88  | U         | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1.1   | U         | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 5.5   | U         | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 1     | U         | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.3   | U         | 1.3  | 4   | 5          | ug/L  |

## Report of Analysis

|                    |          |                 |                       |
|--------------------|----------|-----------------|-----------------------|
| Client:            |          | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |          | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 286085   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5145-01 | Matrix:         | Water                 |
| Analytical Method: | 8270E    | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000     | Units:          | mL                    |
| Soil Aliquot Vol:  |          | Final Vol:      | 1000 uL               |
| Extraction Type :  |          | Test:           |                       |
| Decanted :         |          | Level :         | LOW                   |
| Injection Volume : |          | GPC Factor :    |                       |
|                    |          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140767.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1.7   | U         | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 0.84  | U         | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 5     | U         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1     | U         | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 0.91  | U         | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 0.97  | U         | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 1     | U         | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 1.4   | U         | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 0.81  | U         | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 17.36 | U         | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 6.4   | U         | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 2     | U         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 0.93  | U         | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 2.7   | U         | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1.5   | U         | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 1     | U         | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 0.98  | U         | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 0.96  | U         | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 2     | U         | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3.1   | U         | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 0.89  | U         | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 1.2   | U         | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 0.95  | U         | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 1.1   | U         | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 1.3   | U         | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 286085     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5145-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140767.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 1.9    | U         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 0.89   | U         | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 10.7   |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 1.3    | U         | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 4.1    | U         | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 2.1    | U         | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1.3    | U         | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 0.94   | U         | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 0.86   | U         | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 4.9    | J         | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 2.5    | U         | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 1.7    | U         | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 1      | U         | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 1.2    | U         | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 1.1    | U         | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 1.3    | U         | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 0.79   | U         | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 0.86   | U         | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 48.825 |           | 10-139 |     | 33         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 30.642 |           | 10-134 |     | 20         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 65.953 |           | 49-133 |     | 66         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 69.806 |           | 52-132 |     | 70         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 286085     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5145-01   | Matrix:         | Water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140767.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165432      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 83.288 |           | 44-137 |     | 56         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 48.338 |           | 48-125 |     | 48         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 62057  | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 218612 | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 108770 | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 160131 | 11.41     |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 134441 | 14.068    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 148729 | 15.574    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 260    | J         |        |     | 2.134      |           |
|                                       | unknown7.781                       | 2.3    | J         |        |     | 7.781      |           |
|                                       | unknown7.851                       | 5      | J         |        |     | 7.851      |           |
|                                       | unknown7.998                       | 2.2    | J         |        |     | 7.998      |           |
|                                       | unknown8.086                       | 6      | J         |        |     | 8.086      |           |
|                                       | unknown8.281                       | 18.3   | J         |        |     | 8.281      |           |
| 007058-05-1                           | Cyclohexane, 1-ethyl-2,3-dimethyl- | 12.1   | J         |        |     | 8.398      |           |
|                                       | unknown8.522                       | 3.3    | J         |        |     | 8.522      |           |
|                                       | unknown8.569                       | 9.9    | J         |        |     | 8.569      |           |
| 001453-24-3                           | Cyclohexene, 1-ethyl-              | 9      | J         |        |     | 8.716      |           |
|                                       | unknown8.763                       | 3.6    | J         |        |     | 8.763      |           |
|                                       | unknown8.869                       | 9.1    | J         |        |     | 8.869      |           |
| 056745-53-0                           | 1-Cycloheptene-1-carboxylic acid,  | 8.4    | J         |        |     | 8.933      |           |
| 000629-50-5                           | Tridecane                          | 13.2   | J         |        |     | 9.616      |           |
| 003891-99-4                           | 2,6,10-Trimethyltridecane          | 20     | J         |        |     | 10.827     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140768.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140768.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140768.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 154.558 |           | 10-139 |     | 103        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 146.958 |           | 10-134 |     | 98         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 103.935 |           | 49-133 |     | 104        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 105.01  |           | 52-132 |     | 105        | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140768.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 153.386 |           | 44-137 |     | 102        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 88.203  |           | 48-125 |     | 88         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 68557   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 259669  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 145006  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 244799  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 165924  | 14.057    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 190322  | 15.574    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MS   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MS | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140769.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 400   |           | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 290   |           | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 110   |           | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 130   |           | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 390   |           | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 460   |           | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 460   |           | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 410   |           | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 390   |           | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 400   |           | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 450   |           | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 450   |           | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 460   |           | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 450   |           | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 470   |           | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 470   |           | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 390   |           | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 420   |           | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 470   |           | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 470   |           | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 590   |           | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 470   |           | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 480   |           | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 420   |           | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 380   |           | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 450   |           | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 66.5  |           | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 420   |           | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MS   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MS | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140769.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 360   |           | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 450   |           | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 470   |           | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1300  | E         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 480   |           | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 450   |           | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 480   |           | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 470   |           | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 440   |           | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 500   |           | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 500   |           | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 450   |           | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 67.1  |           | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 480   |           | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 7330  |           | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 890   | E         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 520   |           | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 470   |           | 9.3   | 40  | 50         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 440   |           | 15.2  | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 890   |           | 27.6  | 40  | 100        | ug/L  |
| 84-66-2    | Diethylphthalate                                | 480   |           | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 480   |           | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 470   |           | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 360   |           | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 530   |           | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 500   |           | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 470   |           | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 520   |           | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 490   |           | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 460   |           | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MS   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MS | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140769.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 840     | E         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 500     |           | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 510     |           | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 440     |           | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 530     |           | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 440     |           | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 410     |           | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 470     |           | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 110     |           | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 480     |           | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 490     |           | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 520     |           | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 640     |           | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 490     |           | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 470     |           | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 520     |           | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 390     |           | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 410     |           | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 320     |           | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 480     |           | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 380     |           | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 520     |           | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 450     |           | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 126.047 |           | 10-139 |     | 84         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 113.949 |           | 10-134 |     | 76         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 91.544  |           | 49-133 |     | 92         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 98.111  |           | 52-132 |     | 98         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MS   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MS | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140769.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 137.403 |           | 44-137 |     | 92         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 88.344  |           | 48-125 |     | 88         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 74918   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 282088  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 153428  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 263510  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 161244  | 14.062    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 176806  | 15.586    |        |     |            |           |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MSD   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MSD | Matrix:         | water                 |
| Analytical Method: | 8270E       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100         | Units:          | mL                    |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000                  |
|                    |             |                 | uL                    |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140770.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 460   |           | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 370   |           | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 120   |           | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 140   |           | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 450   |           | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 540   |           | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 540   |           | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 470   |           | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 460   |           | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 460   |           | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 520   |           | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 510   |           | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 530   |           | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 530   |           | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 540   |           | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 550   |           | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 450   |           | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 490   |           | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 560   |           | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 560   |           | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 700   |           | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 550   |           | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 560   |           | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 490   |           | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 450   |           | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 520   |           | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 70.1  |           | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 490   |           | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MSD   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MSD | Matrix:         | water                 |
| Analytical Method: | 8270E       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100         | Units:          | mL                    |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140770.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 440   |           | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 540   |           | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 560   |           | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1500  | E         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 550   |           | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 530   |           | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 560   |           | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 530   |           | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 500   |           | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 580   |           | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 580   |           | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 520   |           | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 66.1  |           | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 550   |           | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 8500  |           | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 1100  | E         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 600   |           | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 540   |           | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 1030  |           | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 510   |           | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 550   |           | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 550   |           | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 540   |           | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 410   |           | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 640   |           | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 580   |           | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 540   |           | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 610   |           | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 580   |           | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 520   |           | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |             |                 |                       |
|--------------------|-------------|-----------------|-----------------------|
| Client:            |             | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |             | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MSD   | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MSD | Matrix:         | water                 |
| Analytical Method: | 8270E       | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100         | Units:          | mL                    |
| Soil Aliquot Vol:  |             | Final Vol:      | 1000 uL               |
| Extraction Type :  |             | Test:           |                       |
|                    | Decanted :  | Level :         | LOW                   |
| Injection Volume : |             | GPC Factor :    |                       |
|                    |             | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140770.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 950     | E         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 570     |           | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 590     |           | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 500     |           | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 610     |           | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 500     |           | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 480     |           | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 550     |           | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 120     |           | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 580     |           | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 550     |           | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 610     |           | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 740     |           | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 530     |           | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 600     |           | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 610     |           | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 460     |           | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 470     |           | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 370     |           | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 540     |           | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 430     |           | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 560     |           | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 530     |           | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 145.272 |           | 10-139 |     | 97         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 133.023 |           | 10-134 |     | 89         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 106.187 |           | 49-133 |     | 106        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 111.557 |           | 52-132 |     | 112        | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-764MSD             | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5095-04MSD           | Matrix:         | water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140770.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 155.986 |           | 44-137 |     | 104        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 104.038 |           | 48-125 |     | 104        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 69745   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 259192  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 145737  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 248438  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 144492  | 14.062    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 158613  | 15.592    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-B       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140771.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-B       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140771.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-B       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140771.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 155.096 |           | 10-139 |     | 103        | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 145.464 |           | 10-134 |     | 97         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 103.337 |           | 49-133 |     | 103        | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 105.717 |           | 52-132 |     | 106        | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-B       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-04   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140771.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 157.793 |           | 44-137 |     | 105        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 100.221 |           | 48-125 |     | 100        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 73573   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 279638  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 154403  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 276172  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 162479  | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 169312  | 15.551    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-A       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-08   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140772.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-A       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-08   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140772.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-A       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-08   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140772.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 144.319 |           | 10-139 |     | 96         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 138.537 |           | 10-134 |     | 92         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 91.502  |           | 49-133 |     | 92         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 103.398 |           | 52-132 |     | 103        | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-A       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-08   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140772.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 148.2  |           | 44-137 |     | 99         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 92.875 |           | 48-125 |     | 93         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 81264  | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 328820 | 8.145     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 168323 | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 264663 | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 162427 | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 179237 | 15.551    |        |     |            |           |

## Report of Analysis

|                    |                               |                 |                       |
|--------------------|-------------------------------|-----------------|-----------------------|
| Client:            |                               | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                               | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL2-IDW-SOIL-120424-00-T2 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5117-02                      | Matrix:         | water                 |
| Analytical Method: | 8270E                         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100 Units: mL                 | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL                            | Test:           |                       |
| Extraction Type :  | Decanted :                    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :                  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140773.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 54.7  | U         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                               |                 |                       |
|--------------------|-------------------------------|-----------------|-----------------------|
| Client:            |                               | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                               | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL2-IDW-SOIL-120424-00-T2 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5117-02                      | Matrix:         | water                 |
| Analytical Method: | 8270E                         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100                           | Units:          | mL                    |
| Soil Aliquot Vol:  |                               | Final Vol:      | 1000 uL               |
| Extraction Type :  |                               | Test:           |                       |
|                    | Decanted :                    | Level :         | LOW                   |
| Injection Volume : |                               | GPC Factor :    |                       |
|                    |                               | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140773.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |                               |                 |                       |
|--------------------|-------------------------------|-----------------|-----------------------|
| Client:            |                               | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                               | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL2-IDW-SOIL-120424-00-T2 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5117-02                      | Matrix:         | water                 |
| Analytical Method: | 8270E                         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100                           | Units:          | mL                    |
| Soil Aliquot Vol:  |                               | Final Vol:      | 1000 uL               |
| Extraction Type :  |                               | Test:           |                       |
|                    | Decanted :                    | Level :         | LOW                   |
| Injection Volume : |                               | GPC Factor :    |                       |
|                    |                               | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140773.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 127.567 |           | 10-139 |     | 85         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 116.765 |           | 10-134 |     | 78         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 89.666  |           | 49-133 |     | 90         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 92.957  |           | 52-132 |     | 93         | SPK: -100 |

## Report of Analysis

|                    |                               |                 |                       |
|--------------------|-------------------------------|-----------------|-----------------------|
| Client:            |                               | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                               | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | TAPIAL2-IDW-SOIL-120424-00-T2 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5117-02                      | Matrix:         | water                 |
| Analytical Method: | 8270E                         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100      Units:    mL         | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                            | Test:           |                       |
| Extraction Type :  | Decanted :                    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :                  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140773.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 130.033 |           | 44-137 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 85.34   |           | 48-125 |     | 85         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 75283   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 286087  | 8.145     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 161217  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 283365  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 166085  | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 166285  | 15.551    |        |     |            |           |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-02     | Matrix:         | water                 |
| Analytical Method: | 8270E        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100          | Units:          | mL                    |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140774.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 130   |           | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374 | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-02     | Matrix:         | water                 |
| Analytical Method: | 8270E        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100          | Units:          | mL                    |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000                  |
|                    |              | Test:           | uL                    |
| Extraction Type :  |              | Decanted :      | Level :               |
|                    |              |                 | LOW                   |
| Injection Volume : |              | GPC Factor :    | GPC Cleanup :         |
|                    |              |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140774.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |               |                 |                       |
|--------------------|---------------|-----------------|-----------------------|
| Client:            |               | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374  | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-02      | Matrix:         | water                 |
| Analytical Method: | 8270E         | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100 Units: mL | Final Vol:      | 1000 uL               |
| Soil Aliquot Vol:  | uL            | Test:           |                       |
| Extraction Type :  | Decanted :    | Level :         | LOW                   |
| Injection Volume : | GPC Factor :  | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140774.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 134.536 |           | 10-139 |     | 90         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 122.196 |           | 10-134 |     | 81         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 94.499  |           | 49-133 |     | 94         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 98.593  |           | 52-132 |     | 99         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | MOO-24-00374          | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5133-02              | Matrix:         | water                 |
| Analytical Method: | 8270E                 | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140774.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 144.611 |           | 44-137 |     | 96         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 87.001  |           | 48-125 |     | 87         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 72511   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 274985  | 8.145     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 155140  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 283652  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 184394  | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 148223  | 15.551    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-02   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140775.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 10.3  | U         | 10.3 | 80  | 100        | ug/L  |
| 110-86-1       | Pyridine                    | 15.5  | U         | 15.5 | 40  | 50         | ug/L  |
| 100-52-7       | Benzaldehyde                | 40    | U         | 40   | 80  | 100        | ug/L  |
| 62-53-3        | Aniline                     | 16    | U         | 16   | 40  | 50         | ug/L  |
| 108-95-2       | Phenol                      | 9.3   | U         | 9.3  | 40  | 50         | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 11.9  | U         | 11.9 | 40  | 50         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 7.1   | U         | 7.1  | 40  | 50         | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 8     | U         | 8    | 40  | 50         | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 8.4   | U         | 8.4  | 40  | 50         | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 16    | U         | 16   | 80  | 100        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 11.3  | U         | 11.3 | 40  | 50         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 13.5  | U         | 13.5 | 40  | 50         | ug/L  |
| 98-86-2        | Acetophenone                | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 11.5  | U         | 11.5 | 80  | 100        | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 14.8  | U         | 14.8 | 25  | 25         | ug/L  |
| 67-72-1        | Hexachloroethane            | 10.1  | U         | 10.1 | 40  | 50         | ug/L  |
| 98-95-3        | Nitrobenzene                | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |
| 78-59-1        | Isophorone                  | 11.4  | U         | 11.4 | 40  | 50         | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19.6  | U         | 19.6 | 40  | 50         | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 15.1  | U         | 15.1 | 40  | 50         | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 8.8   | U         | 8.8  | 40  | 50         | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 11    | U         | 11   | 40  | 50         | ug/L  |
| 65-85-0        | Benzoic acid                | 99.6  | J         | 54.7 | 80  | 100        | ug/L  |
| 91-20-3        | Naphthalene                 | 10.2  | U         | 10.2 | 40  | 50         | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    | U         | 13   | 40  | 50         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12.7  | U         | 12.7 | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-02   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140775.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 16.5  | U         | 16.5  | 80  | 100        | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 8.4   | U         | 8.4   | 40  | 50         | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 11.3  | U         | 11.3  | 40  | 50         | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 50.2  | U         | 50.2  | 80  | 100        | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 10.1  | U         | 10.1  | 40  | 50         | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 9.1   | U         | 9.1   | 40  | 50         | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 9.7   | U         | 9.7   | 40  | 50         | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 14.1  | U         | 14.1  | 40  | 50         | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 12.4  | U         | 12.4  | 40  | 50         | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 13.7  | U         | 13.7  | 40  | 50         | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | ug/L  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 64.2  | U         | 64.2  | 80  | 100        | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 20    | U         | 20    | 80  | 100        | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 9.3   | U         | 9.3   | 40  | 50         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 15.2  | U         | 15.2  | 40  | 50         | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 27.6  | U         | 27.6  | 40  | 100        | ug/L  |
| 84-66-2    | Diethylphthalate                                | 10.4  | U         | 10.4  | 40  | 50         | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 9.8   | U         | 9.8   | 40  | 50         | ug/L  |
| 86-73-7    | Fluorene                                        | 9.6   | U         | 9.6   | 40  | 50         | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 20.4  | U         | 20.4  | 40  | 50         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 30.7  | U         | 30.7  | 80  | 100        | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 8.9   | U         | 8.9   | 40  | 50         | ug/L  |
| 103-33-3   | Azobenzene                                      | 12    | U         | 12    | 40  | 50         | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 9.5   | U         | 9.5   | 40  | 50         | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 11.4  | U         | 11.4  | 40  | 50         | ug/L  |
| 1912-24-9  | Atrazine                                        | 12.6  | U         | 12.6  | 40  | 50         | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-02   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140775.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 18.5    | U         | 18.5   | 80  | 100        | ug/L      |
| 85-01-8           | Phenanthrene               | 8.9     | U         | 8.9    | 40  | 50         | ug/L      |
| 120-12-7          | Anthracene                 | 10.7    | U         | 10.7   | 40  | 50         | ug/L      |
| 86-74-8           | Carbazole                  | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 14.7    | U         | 14.7   | 40  | 50         | ug/L      |
| 206-44-0          | Fluoranthene               | 12.9    | U         | 12.9   | 40  | 50         | ug/L      |
| 92-87-5           | Benzidine                  | 40.7    | U         | 40.7   | 80  | 100        | ug/L      |
| 129-00-0          | Pyrene                     | 10.6    | U         | 10.6   | 40  | 50         | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 21      | U         | 21     | 40  | 50         | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 12.8    | U         | 12.8   | 80  | 100        | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 9.4     | U         | 9.4    | 40  | 50         | ug/L      |
| 218-01-9          | Chrysene                   | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 18.9    | U         | 18.9   | 40  | 50         | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 25      | U         | 25     | 80  | 100        | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 11.4    | U         | 11.4   | 40  | 50         | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 11.9    | U         | 11.9   | 40  | 50         | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 16.7    | U         | 16.7   | 40  | 50         | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 10.2    | U         | 10.2   | 40  | 50         | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 11.5    | U         | 11.5   | 40  | 50         | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 11.8    | U         | 11.8   | 40  | 50         | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 10.9    | U         | 10.9   | 40  | 50         | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 12.5    | U         | 12.5   | 40  | 50         | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 7.9     | U         | 7.9    | 40  | 50         | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 8.6     | U         | 8.6    | 40  | 50         | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 144.061 |           | 10-139 |     | 96         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 138.858 |           | 10-134 |     | 93         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 95.437  |           | 49-133 |     | 95         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 91.802  |           | 52-132 |     | 92         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-02   | Matrix:         | water                 |
| Analytical Method: | 8270E      | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 100        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140775.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165435      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 140.424 |           | 44-137 |     | 94         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 100.414 |           | 48-125 |     | 100        | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 73273   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 277866  | 8.145     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 177564  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 306620  | 11.392    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 160942  | 14.057    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 186676  | 15.574    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-BDL     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-01DL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 14                    |
| Sample Wt/Vol:     | 50.03      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140776.D        | 2         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 120   | U         | 120  | 380 | 460        | ug/Kg |
| 110-86-1       | Pyridine                    | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 250   | U         | 250  | 380 | 460        | ug/Kg |
| 62-53-3        | Aniline                     | 140   | U         | 140  | 180 | 240        | ug/Kg |
| 108-95-2       | Phenol                      | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 120   | U         | 120  | 380 | 460        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 98-86-2        | Acetophenone                | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 110   | U         | 110  | 380 | 460        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 56.2  | U         | 56.2 | 110 | 110        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 78-59-1        | Isophorone                  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 65-85-0        | Benzoic acid                | 330   | U         | 330  | 380 | 460        | ug/Kg |
| 91-20-3        | Naphthalene                 | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 120   | U         | 120  | 180 | 240        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-BDL     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-01DL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 14                    |
| Sample Wt/Vol:     | 50.03      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140776.D        | 2         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 120   | U         | 120  | 380 | 460        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 220   | U         | 220  | 380 | 460        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 99.6  | U         | 99.6 | 180 | 240        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 100   | U         | 100  | 180 | 240        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 130   | U         | 130  | 180 | 240        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 110   | U         | 110  | 180 | 240        | ug/Kg |
| Total PAH  | Total PAH                                       | 10230 | UD        | 1850 | 180 | 3840       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 340   | U         | 340  | 380 | 460        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 160   | U         | 160  | 380 | 460        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 240   | U         | 240  | 180 | 480        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 86-73-7    | Fluorene                                        | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 150   | U         | 150  | 180 | 240        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 160   | U         | 160  | 380 | 460        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 110   | U         | 110  | 180 | 240        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 120   | U         | 120  | 180 | 240        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 130   | U         | 130  | 180 | 240        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-BDL     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-01DL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 14                    |
| Sample Wt/Vol:     | 50.03      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140776.D        | 2         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 110    | U         | 110    | 380 | 460        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 470    | D         | 120    | 180 | 240        | ug/Kg     |
| 120-12-7          | Anthracene                 | 210    | JD        | 120    | 180 | 240        | ug/Kg     |
| 86-74-8           | Carbazole                  | 110    | U         | 110    | 180 | 240        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 120    | U         | 120    | 180 | 240        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 2100   | D         | 110    | 180 | 240        | ug/Kg     |
| 92-87-5           | Benzidine                  | 230    | U         | 230    | 380 | 460        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1400   | D         | 120    | 180 | 240        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 130    | U         | 130    | 180 | 240        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 140    | U         | 140    | 380 | 460        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1400   | D         | 110    | 180 | 240        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1000   | D         | 110    | 180 | 240        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 130    | U         | 130    | 180 | 240        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 150    | U         | 150    | 380 | 460        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1300   | D         | 110    | 180 | 240        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 490    | D         | 120    | 180 | 240        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1100   | D         | 130    | 180 | 240        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 350    | D         | 110    | 180 | 240        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 140    | JD        | 110    | 180 | 240        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 270    | D         | 110    | 180 | 240        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 120    | U         | 120    | 180 | 240        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 150    | U         | 150    | 180 | 240        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 100    | U         | 100    | 180 | 240        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 120    | U         | 120    | 240 | 240        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 92.61  |           | 18-112 |     | 62         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 93.468 |           | 15-107 |     | 62         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 73.264 |           | 18-107 |     | 73         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 66.376 |           | 20-109 |     | 66         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | MH-BDL     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5096-01DL | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 14                    |
| Sample Wt/Vol:     | 50.03      | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140776.D        | 2         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 77.77  |           | 10-116 |     | 52         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 47.288 |           | 10-105 |     | 47         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 93831  | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 297001 | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 159817 | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 272737 | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 197243 | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 229053 | 15.568    |        |     |            |           |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | ASPHALT-COMP          | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5108-01              | Matrix:         | Solid                 |
| Analytical Method: | 8270E                 | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.05      Units:    g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140777.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 2500  | U         | 2500 | 7700 | 9400       | ug/Kg |
| 110-86-1       | Pyridine                    | 2300  | U         | 2300 | 3700 | 4900       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 5200  | U         | 5200 | 7700 | 9400       | ug/Kg |
| 62-53-3        | Aniline                     | 2800  | U         | 2800 | 3700 | 4900       | ug/Kg |
| 108-95-2       | Phenol                      | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 2500  | U         | 2500 | 3700 | 4900       | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 2500  | U         | 2500 | 3700 | 4900       | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 2400  | U         | 2400 | 7700 | 9400       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 2300  | U         | 2300 | 3700 | 4900       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 2600  | U         | 2600 | 3700 | 4900       | ug/Kg |
| 98-86-2        | Acetophenone                | 2500  | U         | 2500 | 3700 | 4900       | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 2300  | U         | 2300 | 7700 | 9400       | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1200  | U         | 1200 | 2300 | 2300       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 2600  | U         | 2600 | 3700 | 4900       | ug/Kg |
| 78-59-1        | Isophorone                  | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 2700  | U         | 2700 | 3700 | 4900       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2700  | U         | 2700 | 3700 | 4900       | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 2500  | U         | 2500 | 3700 | 4900       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 2200  | U         | 2200 | 3700 | 4900       | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 65-85-0        | Benzoic acid                | 6800  | U         | 6800 | 7700 | 9400       | ug/Kg |
| 91-20-3        | Naphthalene                 | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 2400  | U         | 2400 | 3700 | 4900       | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | ASPHALT-COMP | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5108-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.05         | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140777.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 2500  | U         | 2500  | 7700 | 9400       | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 2200  | U         | 2200  | 3700 | 4900       | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 4500  | U         | 4500  | 7700 | 9400       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 2000  | U         | 2000  | 3700 | 4900       | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 2100  | U         | 2100  | 3700 | 4900       | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 2500  | U         | 2500  | 3700 | 4900       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 2700  | U         | 2700  | 3700 | 4900       | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 2500  | U         | 2500  | 3700 | 4900       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 2500  | U         | 2500  | 3700 | 4900       | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| Total PAH  | Total PAH                                       | 37900 | U         | 37900 | 3700 | 78400      | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 6900  | U         | 6900  | 7700 | 9400       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 3300  | U         | 3300  | 7700 | 9400       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 4900  | U         | 4900  | 3700 | 9800       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 2500  | U         | 2500  | 3700 | 4900       | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 86-73-7    | Fluorene                                        | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 3100  | U         | 3100  | 3700 | 4900       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 3300  | U         | 3300  | 7700 | 9400       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| 103-33-3   | Azobenzene                                      | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 2300  | U         | 2300  | 3700 | 4900       | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 2400  | U         | 2400  | 3700 | 4900       | ug/Kg |
| 1912-24-9  | Atrazine                                        | 2600  | U         | 2600  | 3700 | 4900       | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | ASPHALT-COMP          | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5108-01              | Matrix:         | Solid                 |
| Analytical Method: | 8270E                 | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.05      Units:    g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140777.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 2200   | U         | 2200   | 7700 | 9400       | ug/Kg     |
| 85-01-8           | Phenanthrene               | 2400   | U         | 2400   | 3700 | 4900       | ug/Kg     |
| 120-12-7          | Anthracene                 | 2400   | U         | 2400   | 3700 | 4900       | ug/Kg     |
| 86-74-8           | Carbazole                  | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 2400   | U         | 2400   | 3700 | 4900       | ug/Kg     |
| 206-44-0          | Fluoranthene               | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 92-87-5           | Benzidine                  | 4700   | U         | 4700   | 7700 | 9400       | ug/Kg     |
| 129-00-0          | Pyrene                     | 2400   | U         | 2400   | 3700 | 4900       | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 2800   | U         | 2800   | 3700 | 4900       | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 2800   | U         | 2800   | 7700 | 9400       | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 218-01-9          | Chrysene                   | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 2600   | U         | 2600   | 3700 | 4900       | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 3100   | U         | 3100   | 7700 | 9400       | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 2400   | U         | 2400   | 3700 | 4900       | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 2700   | U         | 2700   | 3700 | 4900       | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 2200   | U         | 2200   | 3700 | 4900       | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 2300   | U         | 2300   | 3700 | 4900       | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 2500   | U         | 2500   | 3700 | 4900       | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 3100   | U         | 3100   | 3700 | 4900       | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 2100   | U         | 2100   | 3700 | 4900       | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 2400   | U         | 2400   | 4900 | 4900       | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 90.263 |           | 18-112 |      | 60         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 87.466 |           | 15-107 |      | 58         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 60.111 |           | 18-107 |      | 60         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 68.832 |           | 20-109 |      | 69         | SPK: -100 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 12/4/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 12/4/2024 12:00:00 AM |
| Client Sample ID:  | ASPHALT-COMP       | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5108-01           | Matrix:         | Solid                 |
| Analytical Method: | 8270E              | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 1.05      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                 | Test:           |                       |
| Extraction Type :  | Decanted :         | Level :         | LOW                   |
| Injection Volume : | GPC Factor :       | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140777.D        | 1         | 12/5/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165383      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|----------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol             | 72.66  |           | 10-116 |     | 48         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                    | 50.826 |           | 10-105 |     | 51         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                  |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 64927  | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                   | 244605 | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                 | 124314 | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                 | 193576 | 11.392    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                     | 140154 | 14.051    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                     | 141437 | 15.562    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-      | 56900  | J         |        |     | 2.14       |           |
| 004744-10-9                           | Propane, 1,1-dimethoxy-          | 2000   | J         |        |     | 2.252      |           |
| 000123-42-2                           | 2-Pentanone, 4-hydroxy-4-methyl- | 8000   | A         |        |     | 5.093      |           |
| 053584-60-4                           | 28-Nor-17.alpha.(H)-hopane       | 5200   | J         |        |     | 16.692     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 5.04       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140778.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 720   | U         | 720  | 2200 | 2700       | ug/Kg |
| 110-86-1       | Pyridine                    | 660   | U         | 660  | 1100 | 1400       | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1500  | U         | 1500 | 2200 | 2700       | ug/Kg |
| 62-53-3        | Aniline                     | 800   | U         | 800  | 1100 | 1400       | ug/Kg |
| 108-95-2       | Phenol                      | 690   | U         | 690  | 1100 | 1400       | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 690   | U         | 690  | 1100 | 1400       | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 690   | U         | 690  | 1100 | 1400       | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 700   | U         | 700  | 1100 | 1400       | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 710   | U         | 710  | 1100 | 1400       | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 720   | U         | 720  | 1100 | 1400       | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 690   | U         | 690  | 2200 | 2700       | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 670   | U         | 670  | 1100 | 1400       | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 750   | U         | 750  | 1100 | 1400       | ug/Kg |
| 98-86-2        | Acetophenone                | 720   | U         | 720  | 1100 | 1400       | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 660   | U         | 660  | 2200 | 2700       | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 330   | U         | 330  | 660  | 660        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 690   | U         | 690  | 1100 | 1400       | ug/Kg |
| 98-95-3        | Nitrobenzene                | 750   | U         | 750  | 1100 | 1400       | ug/Kg |
| 78-59-1        | Isophorone                  | 700   | U         | 700  | 1100 | 1400       | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 780   | U         | 780  | 1100 | 1400       | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 770   | U         | 770  | 1100 | 1400       | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 710   | U         | 710  | 1100 | 1400       | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 630   | U         | 630  | 1100 | 1400       | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 710   | U         | 710  | 1100 | 1400       | ug/Kg |
| 65-85-0        | Benzoic acid                | 2000  | U         | 2000 | 2200 | 2700       | ug/Kg |
| 91-20-3        | Naphthalene                 | 680   | U         | 680  | 1100 | 1400       | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 680   | U         | 680  | 1100 | 1400       | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 690   | U         | 690  | 1100 | 1400       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 5.04       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140778.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 720   | U         | 720   | 2200 | 2700       | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 640   | U         | 640   | 1100 | 1400       | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 680   | U         | 680   | 1100 | 1400       | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1300  | U         | 1300  | 2200 | 2700       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 590   | U         | 590   | 1100 | 1400       | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 610   | U         | 610   | 1100 | 1400       | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 720   | U         | 720   | 1100 | 1400       | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 690   | U         | 690   | 1100 | 1400       | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 790   | U         | 790   | 1100 | 1400       | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 680   | U         | 680   | 1100 | 1400       | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 720   | U         | 720   | 1100 | 1400       | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 690   | U         | 690   | 1100 | 1400       | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 740   | U         | 740   | 1100 | 1400       | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 670   | U         | 670   | 1100 | 1400       | ug/Kg |
| Total PAH  | Total PAH                                       | 10980 | U         | 10980 | 1100 | 22400      | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 2000  | U         | 2000  | 2200 | 2700       | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 960   | U         | 960   | 2200 | 2700       | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 700   | U         | 700   | 1100 | 1400       | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 1400  | U         | 1400  | 1100 | 2800       | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 710   | U         | 710   | 1100 | 1400       | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 660   | U         | 660   | 1100 | 1400       | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 710   | U         | 710   | 1100 | 1400       | ug/Kg |
| 86-73-7    | Fluorene                                        | 710   | U         | 710   | 1100 | 1400       | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 890   | U         | 890   | 1100 | 1400       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 970   | U         | 970   | 2200 | 2700       | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 680   | U         | 680   | 1100 | 1400       | ug/Kg |
| 103-33-3   | Azobenzene                                      | 660   | U         | 660   | 1100 | 1400       | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 650   | U         | 650   | 1100 | 1400       | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 700   | U         | 700   | 1100 | 1400       | ug/Kg |
| 1912-24-9  | Atrazine                                        | 760   | U         | 760   | 1100 | 1400       | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 5.04       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140778.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 640    | U         | 640    | 2200 | 2700       | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1500   |           | 700    | 1100 | 1400       | ug/Kg     |
| 120-12-7          | Anthracene                 | 700    | U         | 700    | 1100 | 1400       | ug/Kg     |
| 86-74-8           | Carbazole                  | 670    | U         | 670    | 1100 | 1400       | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 700    | U         | 700    | 1100 | 1400       | ug/Kg     |
| 206-44-0          | Fluoranthene               | 690    | J         | 680    | 1100 | 1400       | ug/Kg     |
| 92-87-5           | Benzidine                  | 1400   | U         | 1400   | 2200 | 2700       | ug/Kg     |
| 129-00-0          | Pyrene                     | 690    | U         | 690    | 1100 | 1400       | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 800    | U         | 800    | 1100 | 1400       | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 820    | U         | 820    | 2200 | 2700       | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 670    | U         | 670    | 1100 | 1400       | ug/Kg     |
| 218-01-9          | Chrysene                   | 660    | U         | 660    | 1100 | 1400       | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 750    | U         | 750    | 1100 | 1400       | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 910    | U         | 910    | 2200 | 2700       | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 670    | U         | 670    | 1100 | 1400       | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 680    | U         | 680    | 1100 | 1400       | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 770    | U         | 770    | 1100 | 1400       | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 650    | U         | 650    | 1100 | 1400       | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 670    | U         | 670    | 1100 | 1400       | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 660    | U         | 660    | 1100 | 1400       | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 720    | U         | 720    | 1100 | 1400       | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 910    | U         | 910    | 1100 | 1400       | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 620    | U         | 620    | 1100 | 1400       | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 690    | U         | 690    | 1400 | 1400       | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 103.03 |           | 18-112 |      | 69         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 99.231 |           | 15-107 |      | 66         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 69.647 |           | 18-107 |      | 70         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 77.67  |           | 20-109 |      | 78         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 5.04       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140778.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 86.485 |           | 10-116 |     | 58         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 56.203 |           | 10-105 |     | 56         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 64905  | 6.869     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 236016 | 8.151     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 114166 | 9.904     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 159409 | 11.404    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 136931 | 14.057    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 135401 | 15.557    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 15100  | J         |        |     | 2.146      |           |
| 000080-56-8                           | .alpha.-Pinene                     | 1100   | J         |        |     | 6.145      |           |
| 000079-92-5                           | Camphene                           | 1700   | J         |        |     | 6.316      |           |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 3300   | J         |        |     | 6.928      |           |
| 092618-89-8                           | Acetic acid, 1,7,7-trimethyl-bicyc | 1100   | J         |        |     | 8.716      |           |
| 004175-54-6                           | Naphthalene, 1,2,3,4-tetrahydro-1, | 1000   | J         |        |     | 8.969      |           |
| 080655-44-3                           | Decahydro-1,1,4a,5,6-pentamethylna | 1300   | J         |        |     | 9.292      |           |
| 000582-16-1                           | Naphthalene, 2,7-dimethyl-         | 790    | J         |        |     | 9.492      |           |
|                                       | unknown9.610                       | 3100   | J         |        |     | 9.61       |           |
| 019780-11-1                           | 2-Dodecen-1-yl(-)succinic anhydrid | 2100   | J         |        |     | 9.769      |           |
|                                       | unknown9.810                       | 3300   | J         |        |     | 9.81       |           |
| 000085-08-5                           | 1-Naphthaleneacetic acid, 2-methyl | 1500   | J         |        |     | 10.01      |           |
| 016204-58-3                           | Indan, 1,1,6,7-tetramethyl-        | 1700   | J         |        |     | 10.051     |           |
|                                       | unknown10.157                      | 2800   | J         |        |     | 10.157     |           |
| 000829-26-5                           | Naphthalene, 2,3,6-trimethyl-      | 3400   | J         |        |     | 10.227     |           |
|                                       | unknown10.310                      | 4900   | J         |        |     | 10.31      |           |
| 000544-76-3                           | Hexadecane                         | 4000   | J         |        |     | 10.551     |           |
| 001921-70-6                           | Pentadecane, 2,6,10,14-tetramethyl | 10700  | J         |        |     | 10.822     |           |
| 1000432-25-9                          | 3-Ethyl-2,6,10-trimethylundecane   | 5500   | J         |        |     | 11.292     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | COMP-1     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5136-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 28.2                  |
| Sample Wt/Vol:     | 5.04       | Units:          | g                     |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140778.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number  | Parameter                         | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|-----------------------------------|-------|-----------|-----|-----|------------|-------|
| 001516-94-5 | 4,4-Ethylenebis(2,6-di-tert-butyl | 5300  | J         |     |     | 14.81      |       |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOIL | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.04        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140779.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 94.8  | U         | 94.8 | 300  | 360        | ug/Kg |
| 110-86-1       | Pyridine                    | 87.3  | U         | 87.3 | 140  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | U         | 200  | 300  | 360        | ug/Kg |
| 62-53-3        | Aniline                     | 110   | U         | 110  | 140  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 90.6  | U         | 90.6 | 140  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 91.5  | U         | 91.5 | 140  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 91.2  | U         | 91.2 | 140  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 92.4  | U         | 92.4 | 140  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 94    | U         | 94   | 140  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 94.5  | U         | 94.5 | 140  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 90.7  | U         | 90.7 | 300  | 360        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 88.1  | U         | 88.1 | 140  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 99.3  | U         | 99.3 | 140  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 95    | U         | 95   | 140  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 87.2  | U         | 87.2 | 300  | 360        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 44    | U         | 44   | 87.4 | 87.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 90.7  | U         | 90.7 | 140  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 99.2  | U         | 99.2 | 140  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 92.4  | U         | 92.4 | 140  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 100   | U         | 100  | 140  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 100   | U         | 100  | 140  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 93.7  | U         | 93.7 | 140  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 82.5  | U         | 82.5 | 140  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 93.3  | U         | 93.3 | 140  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 260   | U         | 260  | 300  | 360        | ug/Kg |
| 91-20-3        | Naphthalene                 | 160   | J         | 90.3 | 140  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 90.3  | U         | 90.3 | 140  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 91    | U         | 91   | 140  | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOIL | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.04        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140779.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 94.8  | U         | 94.8   | 300 | 360        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 84.7  | U         | 84.7   | 140 | 190        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 120   | J         | 90.1   | 140 | 190        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 170   | U         | 170    | 300 | 360        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 78    | U         | 78     | 140 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 80.9  | U         | 80.9   | 140 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 95.5  | U         | 95.5   | 140 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 91    | U         | 91     | 140 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 100   | U         | 100    | 140 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 89.3  | U         | 89.3   | 140 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 140   | J         | 94.5   | 140 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 90.9  | U         | 90.9   | 140 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 97.5  | U         | 97.5   | 140 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 410   |           | 88.6   | 140 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 28620 |           | 1446.3 | 140 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 270   | U         | 270    | 300 | 360        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 130   | U         | 130    | 300 | 360        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 240   |           | 92.2   | 140 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 94.2  | U         | 94.2   | 140 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 85.1  | U         | 185.1  | 140 | 380        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 87.5  | U         | 87.5   | 140 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 93.5  | U         | 93.5   | 140 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 400   |           | 93.4   | 140 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 120   | U         | 120    | 140 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 130   | U         | 130    | 300 | 360        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 89.2  | U         | 89.2   | 140 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 87    | U         | 87     | 140 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 86.2  | U         | 86.2   | 140 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 92.9  | U         | 92.9   | 140 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 99.9  | U         | 99.9   | 140 | 190        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOIL | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01     | Matrix:         | Solid                 |
| Analytical Method: | 8270E        | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.04        | Units:          | g                     |
| Soil Aliquot Vol:  |              | Final Vol:      | 1000 uL               |
| Extraction Type :  |              | Test:           |                       |
|                    | Decanted :   | Level :         | LOW                   |
| Injection Volume : |              | GPC Factor :    |                       |
|                    |              | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140779.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 84.5    | U         | 84.5   | 300 | 360        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 4500    | E         | 91.8   | 140 | 190        | ug/Kg     |
| 120-12-7          | Anthracene                 | 1100    |           | 92.2   | 140 | 190        | ug/Kg     |
| 86-74-8           | Carbazole                  | 400     |           | 87.7   | 140 | 190        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 92.1    | U         | 92.1   | 140 | 190        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 5500    | E         | 89.3   | 140 | 190        | ug/Kg     |
| 92-87-5           | Benzidine                  | 180     | U         | 180    | 300 | 360        | ug/Kg     |
| 129-00-0          | Pyrene                     | 3400    | E         | 90.7   | 140 | 190        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 110     | U         | 110    | 140 | 190        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 110     | U         | 110    | 300 | 360        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 2700    |           | 88.2   | 140 | 190        | ug/Kg     |
| 218-01-9          | Chrysene                   | 2200    |           | 86.9   | 140 | 190        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 230     |           | 99.4   | 140 | 190        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 120     | U         | 120    | 300 | 360        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 2600    |           | 88.6   | 140 | 190        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 1300    |           | 90.3   | 140 | 190        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 2300    |           | 100    | 140 | 190        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 800     |           | 85.3   | 140 | 190        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 250     |           | 88.7   | 140 | 190        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 860     |           | 87.5   | 140 | 190        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 94.8    | U         | 94.8   | 140 | 190        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 120     | U         | 120    | 140 | 190        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 81.6    | U         | 81.6   | 140 | 190        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 140     | J         | 90.9   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 143.924 |           | 18-112 |     | 96         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 136.749 |           | 15-107 |     | 91         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 97.013  |           | 18-107 |     | 97         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 104.047 |           | 20-109 |     | 104        | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOIL        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.04      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140779.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 121.904 |           | 10-116 |     | 81         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 78.339  |           | 10-105 |     | 78         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 61702   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 221938  | 8.145     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 107610  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 161573  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 131775  | 14.051    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 112962  | 15.557    |        |     |            |           |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMS | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MS     | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.07          | Units:          | g                     |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL               |
| Extraction Type :  |                | Test:           |                       |
|                    | Decanted :     | Level :         | LOW                   |
| Injection Volume : |                | GPC Factor :    |                       |
|                    |                | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140780.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1700  |           | 94.7 | 290  | 360        | ug/Kg |
| 110-86-1       | Pyridine                    | 1700  |           | 87.2 | 140  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 900   |           | 200  | 290  | 360        | ug/Kg |
| 62-53-3        | Aniline                     | 1000  |           | 110  | 140  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 1900  |           | 90.5 | 140  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1900  |           | 91.4 | 140  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1900  |           | 91.1 | 140  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1800  |           | 92.3 | 140  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1800  |           | 93.9 | 140  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1800  |           | 94.4 | 140  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1800  |           | 90.6 | 290  | 360        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1800  |           | 88   | 140  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1900  |           | 99.2 | 140  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 1800  |           | 94.9 | 140  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1900  |           | 87.1 | 290  | 360        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1900  |           | 44   | 87.3 | 87.3       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1800  |           | 90.6 | 140  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1700  |           | 99.1 | 140  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1900  |           | 92.3 | 140  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1900  |           | 100  | 140  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2400  |           | 100  | 140  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 1900  |           | 93.7 | 140  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1900  |           | 82.4 | 140  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1800  |           | 93.2 | 140  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1400  |           | 260  | 290  | 360        | ug/Kg |
| 91-20-3        | Naphthalene                 | 2000  |           | 90.2 | 140  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 360   |           | 90.2 | 140  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1900  |           | 90.9 | 140  | 190        | ug/Kg |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMS | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MS     | Matrix:         | Solid                 |
| Analytical Method: | 8270E          | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.07          | Units:          | g                     |
| Soil Aliquot Vol:  |                | Final Vol:      | 1000 uL               |
| Extraction Type :  |                | Test:           |                       |
|                    | Decanted :     | Level :         | LOW                   |
| Injection Volume : |                | GPC Factor :    |                       |
|                    |                | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140780.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1900  |           | 94.7   | 290 | 360        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1800  |           | 84.6   | 140 | 190        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 2000  |           | 90.1   | 140 | 190        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 2400  |           | 170    | 290 | 360        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 2000  |           | 77.9   | 140 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1800  |           | 80.8   | 140 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 2000  |           | 95.4   | 140 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 1900  |           | 90.9   | 140 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1900  |           | 100    | 140 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 2100  |           | 89.2   | 140 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 2100  |           | 94.4   | 140 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1900  |           | 90.8   | 140 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 1200  |           | 97.4   | 140 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 2200  |           | 88.5   | 140 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 51400 |           | 1444.8 | 140 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 2000  |           | 270    | 290 | 360        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2400  |           | 130    | 290 | 360        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 2100  |           | 92.1   | 140 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3700  |           | 184.9  | 140 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1800  |           | 94.1   | 140 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 2000  |           | 87.4   | 140 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1900  |           | 93.4   | 140 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 2100  |           | 93.3   | 140 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1500  |           | 120    | 140 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1700  |           | 130    | 290 | 360        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 2300  |           | 89.1   | 140 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 2000  |           | 86.9   | 140 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 2100  |           | 86.1   | 140 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 2000  |           | 92.8   | 140 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 2400  |           | 99.8   | 140 | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMS         | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MS             | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.07      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140780.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3000    | E         | 84.4   | 290 | 360        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 5300    | E         | 91.7   | 140 | 190        | ug/Kg     |
| 120-12-7          | Anthracene                 | 2900    |           | 92.1   | 140 | 190        | ug/Kg     |
| 86-74-8           | Carbazole                  | 2200    |           | 87.7   | 140 | 190        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 2100    |           | 92     | 140 | 190        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 5700    | E         | 89.2   | 140 | 190        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1200    |           | 180    | 290 | 360        | ug/Kg     |
| 129-00-0          | Pyrene                     | 4300    | E         | 90.6   | 140 | 190        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1900    |           | 110    | 140 | 190        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1300    |           | 110    | 290 | 360        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 4200    | E         | 88.1   | 140 | 190        | ug/Kg     |
| 218-01-9          | Chrysene                   | 3600    | E         | 86.8   | 140 | 190        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 2200    |           | 99.3   | 140 | 190        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 2700    |           | 120    | 290 | 360        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 4300    | E         | 88.5   | 140 | 190        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 2900    |           | 90.2   | 140 | 190        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 3800    | E         | 100    | 140 | 190        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 2200    |           | 85.2   | 140 | 190        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1700    |           | 88.6   | 140 | 190        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 2100    |           | 87.4   | 140 | 190        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 2000    |           | 94.7   | 140 | 190        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1600    |           | 120    | 140 | 190        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1800    |           | 81.5   | 140 | 190        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1900    |           | 90.8   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 117.264 |           | 18-112 |     | 78         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 114.181 |           | 15-107 |     | 76         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 79.007  |           | 18-107 |     | 79         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 83.995  |           | 20-109 |     | 84         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMS      | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MS          | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.07      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140780.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 109.562 |           | 10-116 |     | 73         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 66.992  |           | 10-105 |     | 67         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 69805   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 258221  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 131159  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 206862  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 144601  | 14.057    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 118347  | 15.557    |        |     |            |           |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMSD | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MSD     | Matrix:         | Solid                 |
| Analytical Method: | 8270E           | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.05           | Units:          | g                     |
| Soil Aliquot Vol:  |                 | Final Vol:      | 1000 uL               |
| Extraction Type :  |                 | Test:           |                       |
|                    | Decanted :      | Level :         | LOW                   |
| Injection Volume : |                 | GPC Factor :    |                       |
|                    |                 | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140781.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 1700  |           | 94.8 | 290  | 360        | ug/Kg |
| 110-86-1       | Pyridine                    | 1800  |           | 87.3 | 140  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 890   |           | 200  | 290  | 360        | ug/Kg |
| 62-53-3        | Aniline                     | 1000  |           | 110  | 140  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 1900  |           | 90.5 | 140  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 1900  |           | 91.4 | 140  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1900  |           | 91.2 | 140  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 1800  |           | 92.4 | 140  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 1800  |           | 93.9 | 140  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 1800  |           | 94.5 | 140  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 1800  |           | 90.7 | 290  | 360        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1800  |           | 88   | 140  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1900  |           | 99.3 | 140  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 1900  |           | 94.9 | 140  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 1900  |           | 87.2 | 290  | 360        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 1900  |           | 44   | 87.4 | 87.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1800  |           | 90.7 | 140  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1800  |           | 99.2 | 140  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1900  |           | 92.4 | 140  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 2000  |           | 100  | 140  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 2400  |           | 100  | 140  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 2000  |           | 93.7 | 140  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1900  |           | 82.5 | 140  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 1800  |           | 93.3 | 140  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 1400  |           | 260  | 290  | 360        | ug/Kg |
| 91-20-3        | Naphthalene                 | 2000  |           | 90.2 | 140  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 390   |           | 90.2 | 140  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1800  |           | 91   | 140  | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMSD        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140781.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 1800  |           | 94.8   | 290 | 360        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 1700  |           | 84.7   | 140 | 190        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 2000  |           | 90.1   | 140 | 190        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 1900  |           | 170    | 290 | 360        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 2000  |           | 78     | 140 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 1900  |           | 80.8   | 140 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 2100  |           | 95.5   | 140 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 2000  |           | 91     | 140 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 1900  |           | 100    | 140 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 2000  |           | 89.2   | 140 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 2100  |           | 94.5   | 140 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 1900  |           | 90.9   | 140 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 1100  |           | 97.4   | 140 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 2200  |           | 88.6   | 140 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 52100 |           | 1445.8 | 140 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 1600  |           | 270    | 290 | 360        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 2400  |           | 130    | 290 | 360        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 2000  |           | 92.2   | 140 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 3600  |           | 185.1  | 140 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 1700  |           | 94.2   | 140 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 2000  |           | 87.5   | 140 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 1900  |           | 93.5   | 140 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 2100  |           | 93.4   | 140 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 1500  |           | 120    | 140 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 1300  |           | 130    | 290 | 360        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 2300  |           | 89.1   | 140 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 2000  |           | 86.9   | 140 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 2100  |           | 86.2   | 140 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 1900  |           | 92.8   | 140 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 2400  |           | 99.8   | 140 | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMSD        | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MSD            | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 1000              uL  |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140781.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 3100    | E         | 84.4   | 290 | 360        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 5400    | E         | 91.8   | 140 | 190        | ug/Kg     |
| 120-12-7          | Anthracene                 | 2900    | E         | 92.2   | 140 | 190        | ug/Kg     |
| 86-74-8           | Carbazole                  | 2200    |           | 87.7   | 140 | 190        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 2200    |           | 92.1   | 140 | 190        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 6100    | E         | 89.2   | 140 | 190        | ug/Kg     |
| 92-87-5           | Benzidine                  | 1500    |           | 180    | 290 | 360        | ug/Kg     |
| 129-00-0          | Pyrene                     | 4200    | E         | 90.7   | 140 | 190        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 1900    |           | 110    | 140 | 190        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 1500    |           | 110    | 290 | 360        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 4100    | E         | 88.1   | 140 | 190        | ug/Kg     |
| 218-01-9          | Chrysene                   | 3700    | E         | 86.8   | 140 | 190        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 2200    |           | 99.4   | 140 | 190        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 2700    |           | 120    | 290 | 360        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 4300    | E         | 88.6   | 140 | 190        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 2900    |           | 90.2   | 140 | 190        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 3800    | E         | 100    | 140 | 190        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 2300    |           | 85.3   | 140 | 190        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 1800    |           | 88.7   | 140 | 190        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 2200    |           | 87.5   | 140 | 190        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 2100    |           | 94.8   | 140 | 190        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 1600    |           | 120    | 140 | 190        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 1800    |           | 81.6   | 140 | 190        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 1800    |           | 90.9   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 118.008 |           | 18-112 |     | 79         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 112.458 |           | 15-107 |     | 75         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 80.18   |           | 18-107 |     | 80         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 85.641  |           | 20-109 |     | 86         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 12/5/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 12/5/2024 12:00:00 AM |
| Client Sample ID:  | 10TH-ST-SOILMSD     | SDG No.:        | BF120624              |
| Lab Sample ID:     | P5112-01MSD         | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 8.6                   |
| Sample Wt/Vol:     | 30.05      Units: g | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                  | Test:           |                       |
| Extraction Type :  | Decanted :          | Level :         | LOW                   |
| Injection Volume : | GPC Factor :        | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF140781.D        | 1         | 12/6/2024 12:00:00 AM | 12/6/2024 12:00:00 AM | PB165423      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 107.324 |           | 10-116 |     | 72         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 66.098  |           | 10-105 |     | 66         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 70323   | 6.869     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 252197  | 8.151     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 122922  | 9.904     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 192178  | 11.398    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 146775  | 14.063    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 115742  | 15.563    |        |     |            |           |

### Hit Summary Sheet SW-846

SDG No.: BF120624

Client:

| Sample ID            | Client ID         |                   | Parameter                       | Concentration | C          | MDL |      | RDL | Units |
|----------------------|-------------------|-------------------|---------------------------------|---------------|------------|-----|------|-----|-------|
| Client ID :          |                   | LL-001            |                                 |               |            |     |      |     |       |
| P5093-01             | LL-001            | Water             | 2-Pentanone, 4-hydroxy-4-methyl | *             | 3.600      | A   |      |     |       |
| P5093-01             | LL-001            | Water             | Benzophenone                    | *             | 2.900      | J   |      |     |       |
| P5093-01             | LL-001            | Water             | Butane, 2-methoxy-2-methyl-     | *             | 170.000    | J   |      |     |       |
| P5093-01             | LL-001            | Water             | Supraene                        | *             | 2.200      | J   |      |     |       |
| Total Tics :         |                   |                   |                                 | 178.70        |            |     |      |     |       |
| Total Concentration: |                   |                   |                                 | 178.70        |            |     |      |     |       |
| Client ID :          |                   | LL-001-FB-12-4-24 |                                 |               |            |     |      |     |       |
| P5093-02             | LL-001-FB-12-4-24 | Water             | 1-Propanol, 2-(2-hydroxypropoxy | *             | 2.200      | J   |      |     |       |
| P5093-02             | LL-001-FB-12-4-24 | Water             | 2-Pentanone, 4-hydroxy-4-methyl | *             | 4.000      | A   |      |     |       |
| P5093-02             | LL-001-FB-12-4-24 | Water             | Butane, 2-methoxy-2-methyl-     | *             | 170.000    | J   |      |     |       |
| Total Tics :         |                   |                   |                                 | 176.20        |            |     |      |     |       |
| Total Concentration: |                   |                   |                                 | 176.20        |            |     |      |     |       |
| Client ID :          |                   | MH-BDL            |                                 |               |            |     |      |     |       |
| P5096-01DL           | MH-BDL            | Solid             | Anthracene                      |               | 210.000    | JD  | 120  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Benzo(a)anthracene              |               | 1,400.000  | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Benzo(a)pyrene                  |               | 1,100.000  | D   | 130  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Benzo(b)fluoranthene            |               | 1,300.000  | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Benzo(g,h,i)perylene            |               | 270.000    | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Benzo(k)fluoranthene            |               | 490.000    | D   | 120  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Chrysene                        |               | 1,000.000  | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Dibenzo(a,h)anthracene          |               | 140.000    | JD  | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Fluoranthene                    |               | 2,100.000  | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Indeno(1,2,3-cd)pyrene          |               | 350.000    | D   | 110  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Phenanthrene                    |               | 470.000    | D   | 120  | 240 | ug/Kg |
| P5096-01DL           | MH-BDL            | Solid             | Pyrene                          |               | 1,400.000  | D   | 120  | 240 | ug/Kg |
| Total Svoc :         |                   |                   |                                 | 10,230.00     |            |     |      |     |       |
| Total Concentration: |                   |                   |                                 | 10,230.00     |            |     |      |     |       |
| Client ID :          |                   | ASPHALT-COMP      |                                 |               |            |     |      |     |       |
| P5108-01             | ASPHALT-COMP      | Solid             | 2-Pentanone, 4-hydroxy-4-methyl | *             | 8,000.000  | A   |      |     |       |
| P5108-01             | ASPHALT-COMP      | Solid             | 28-Nor-17.alpha.(H)-hopane      | *             | 5,200.000  | J   |      |     |       |
| P5108-01             | ASPHALT-COMP      | Solid             | Butane, 2-methoxy-2-methyl-     | *             | 56,900.000 | J   |      |     |       |
| P5108-01             | ASPHALT-COMP      | Solid             | Propane, 1,1-dimethoxy-         | *             | 2,000.000  | J   |      |     |       |
| Total Tics :         |                   |                   |                                 | 72,100.00     |            |     |      |     |       |
| Total Concentration: |                   |                   |                                 | 72,100.00     |            |     |      |     |       |
| Client ID :          |                   | 10TH-ST-SOIL      |                                 |               |            |     |      |     |       |
| P5112-01             | 10TH-ST-SOIL      | Solid             | 1-Methylnaphthalene             |               | 140.000    | J   | 90.9 | 190 | ug/Kg |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BF120624

**Client:**

| Sample ID | Client ID    | Matrix | Parameter                  | Concentration | C | MDL    | RDL  | Units |
|-----------|--------------|--------|----------------------------|---------------|---|--------|------|-------|
| P5112-01  | 10TH-ST-SOIL | Solid  | 2-Methylnaphthalene        | 120.000       | J | 90.1   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Acenaphthene               | 410.000       |   | 88.6   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Acenaphthylene             | 140.000       | J | 94.5   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Anthracene                 | 1,100.000     |   | 92.2   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Benzo(a)anthracene         | 2,700.000     |   | 88.2   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Benzo(a)pyrene             | 2,300.000     |   | 100    | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Benzo(b)fluoranthene       | 2,600.000     |   | 88.6   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Benzo(g,h,i)perylene       | 860.000       |   | 87.5   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Benzo(k)fluoranthene       | 1,300.000     |   | 90.3   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Bis(2-ethylhexyl)phthalate | 230.000       |   | 99.4   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Carbazole                  | 400.000       |   | 87.7   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Chrysene                   | 2,200.000     |   | 86.9   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Dibenzo(a,h)anthracene     | 250.000       |   | 88.7   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Dibenzofuran               | 240.000       |   | 92.2   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Fluoranthene               | 5,500.000     | E | 89.3   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Fluorene                   | 400.000       |   | 93.4   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Indeno(1,2,3-cd)pyrene     | 800.000       |   | 85.3   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Naphthalene                | 160.000       | J | 90.3   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Phenanthrene               | 4,500.000     | E | 91.8   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Pyrene                     | 3,400.000     | E | 90.7   | 190  | ug/Kg |
| P5112-01  | 10TH-ST-SOIL | Solid  | Total PAH                  | 28,620.000    |   | 1446.3 | 3040 | ug/Kg |

**Total Svoc :**

**58,370.00**

**Total Concentration:**

**58,370.00**

**Client ID :** MOO-24-00374

|          |              |       |                                       |           |   |  |  |  |
|----------|--------------|-------|---------------------------------------|-----------|---|--|--|--|
| P5133-01 | MOO-24-00374 | Solid | 6-Octadecenoic acid, methyl ester *   | 3,700.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Benzene, 1,2,3-trimethyl- *           | 1,800.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Benzene, 1-methyl-3-(1-methylethyl) * | 400.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Benzene, 1-methyl-3-propyl- *         | 1,700.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Benzene, 2-ethyl-1,4-dimethyl- *      | 1,800.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Carbonic acid, eicosyl vinyl ester *  | 1,100.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Decane, 1-iodo- *                     | 620.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Decane, 3-methyl- *                   | 1,200.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Dodecane, 2,6,11-trimethyl- *         | 540.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Eicosane *                            | 530.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Heptadecane *                         | 1,100.000 | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Hexacosane *                          | 700.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Hexadecane *                          | 590.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Hexadecanoic acid, methyl ester *     | 850.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Pentadecane *                         | 700.000   | J |  |  |  |
| P5133-01 | MOO-24-00374 | Solid | Tridecane *                           | 440.000   | J |  |  |  |

### Hit Summary Sheet SW-846

SDG No.: BF120624

Client:

| Sample ID                | Client ID    | Matrix | Parameter                          | Concentration | C          | MDL    | RDL  | Units |
|--------------------------|--------------|--------|------------------------------------|---------------|------------|--------|------|-------|
| P5133-01                 | MOO-24-00374 | Solid  | Tridecane, 5-propyl-               | *             | 500.000    | J      |      |       |
| P5133-01                 | MOO-24-00374 | Solid  | unknown7.516                       | *             | 790.000    | J      |      |       |
| P5133-01                 | MOO-24-00374 | Solid  | unknown9.581                       | *             | 430.000    | J      |      |       |
| Total Tics :             |              |        |                                    | 19,490.00     |            |        |      |       |
| P5133-01                 | MOO-24-00374 | Solid  | 1,1-Biphenyl                       |               | 500.000    | 91.2   | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | 1-Methylnaphthalene                |               | 1,400.000  | 86.9   | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | 2-Methylnaphthalene                |               | 2,300.000  | 86.1   | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | Bis(2-ethylhexyl)phthalate         |               | 570.000    | 95     | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | Naphthalene                        |               | 860.000    | 86.2   | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | Phenanthrene                       |               | 280.000    | 87.7   | 180  | ug/Kg |
| P5133-01                 | MOO-24-00374 | Solid  | Pyrene                             |               | 160.000    | J 86.6 | 180  | ug/Kg |
| Total Svoc :             |              |        |                                    | 6,070.00      |            |        |      |       |
| Total Concentration:     |              |        |                                    | 25,560.00     |            |        |      |       |
| Client ID : MOO-24-00374 |              |        |                                    |               |            |        |      |       |
| P5133-02                 | MOO-24-00374 | water  | Benzoic acid                       |               | 130.000    | 54.7   | 100  | ug/L  |
| Total Svoc :             |              |        |                                    | 130.00        |            |        |      |       |
| Total Concentration:     |              |        |                                    | 130.00        |            |        |      |       |
| Client ID : COMP-1       |              |        |                                    |               |            |        |      |       |
| P5136-01                 | COMP-1       | Solid  | .alpha.-Pinene                     | *             | 1,100.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | 1-Hexanol, 2-ethyl-                | *             | 3,300.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | 1-Naphthaleneacetic acid, 2-methy  | *             | 1,500.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | 2-Dodecen-1-yl(-)succinic anhydr   | *             | 2,100.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | 3-Ethyl-2,6,10-trimethylundecane   | *             | 5,500.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | 4,4-Ethylenebis(2,6-di-tert-butyl  | *             | 5,300.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Acetic acid, 1,7,7-trimethyl-bicyc | *             | 1,100.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Butane, 2-methoxy-2-methyl-        | *             | 15,100.000 | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Camphene                           | *             | 1,700.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Decahydro-1,1,4a,5,6-pentamethy    | *             | 1,300.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Hexadecane                         | *             | 4,000.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Indan, 1,1,6,7-tetramethyl-        | *             | 1,700.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Naphthalene, 1,2,3,4-tetrahydro-1. | *             | 1,000.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Naphthalene, 2,3,6-trimethyl-      | *             | 3,400.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Naphthalene, 2,7-dimethyl-         | *             | 790.000    | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | Pentadecane, 2,6,10,14-tetramethy  | *             | 10,700.000 | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | unknown10.157                      | *             | 2,800.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | unknown10.310                      | *             | 4,900.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | unknown9.610                       | *             | 3,100.000  | J      |      |       |
| P5136-01                 | COMP-1       | Solid  | unknown9.810                       | *             | 3,300.000  | J      |      |       |
| Total Tics :             |              |        |                                    | 73,690.00     |            |        |      |       |
| P5136-01                 | COMP-1       | Solid  | Fluoranthene                       |               | 690.000    | J 680  | 1400 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BF120624

Client:

| Sample ID                   | Client ID       | Matrix | Parameter                        | Concentration | C         | MDL  | RDL  | Units  |
|-----------------------------|-----------------|--------|----------------------------------|---------------|-----------|------|------|--------|
| P5136-01                    | COMP-1          | Solid  | Phenanthrene                     | 1,500.000     |           | 700  | 1400 | ug/Kg  |
| Total Svoc :                |                 |        |                                  | 2,190.00      |           |      |      |        |
| Total Concentration:        |                 |        |                                  | 75,880.00     |           |      |      |        |
| Client ID : COMP-1          |                 |        |                                  |               |           |      |      |        |
| P5136-02                    | COMP-1          | water  | Benzoic acid                     | 99.600        | J         | 54.7 | 100  | ug/L   |
| Total Svoc :                |                 |        |                                  | 99.60         |           |      |      |        |
| Total Concentration:        |                 |        |                                  | 99.60         |           |      |      |        |
| Client ID : LAW-OILY-STONES |                 |        |                                  |               |           |      |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | Butane, 2-methoxy-2-methyl-      | *             | 1,400.000 | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | Decahydro-1,1,4a,5,6-pentamethy  | *             | 56.000    | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | Pentadecane, 2,6,10-trimethyl-   | *             | 350.000   | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | Tetracosane                      | *             | 530.000   | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | Undecane, 6-ethyl-               | *             | 560.000   | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | unknown10.057                    | *             | 48.200    | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | unknown10.310                    | *             | 110.000   | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | unknown9.610                     | *             | 76.800    | J    |      |        |
| P5137-01                    | LAW-OILY-STONES | Solid  | unknown9.769                     | *             | 42.000    | J    |      |        |
| Total Tics :                |                 |        |                                  | 3,173.00      |           |      |      |        |
| Total Concentration:        |                 |        |                                  | 3,173.00      |           |      |      |        |
| Client ID : 286085          |                 |        |                                  |               |           |      |      |        |
| P5145-01                    | 286085          | Water  | 1-Cycloheptene-1-carboxylic acid | *             | 8.400     | J    |      |        |
| P5145-01                    | 286085          | Water  | 2,6,10-Trimethyltridecane        | *             | 20.000    | J    |      |        |
| P5145-01                    | 286085          | Water  | Butane, 2-methoxy-2-methyl-      | *             | 260.000   | J    |      |        |
| P5145-01                    | 286085          | Water  | Cyclohexane, 1-ethyl-2,3-dimethy | *             | 12.100    | J    |      |        |
| P5145-01                    | 286085          | Water  | Cyclohexene, 1-ethyl-            | *             | 9.000     | J    |      |        |
| P5145-01                    | 286085          | Water  | Tridecane                        | *             | 13.200    | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown7.781                     | *             | 2.300     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown7.851                     | *             | 5.000     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown7.998                     | *             | 2.200     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.086                     | *             | 6.000     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.281                     | *             | 18.300    | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.522                     | *             | 3.300     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.569                     | *             | 9.900     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.763                     | *             | 3.600     | J    |      |        |
| P5145-01                    | 286085          | Water  | unknown8.869                     | *             | 9.100     | J    |      |        |
| Total Tics :                |                 |        |                                  | 382.40        |           |      |      |        |
| P5145-01                    | 286085          | Water  | Bis(2-ethylhexyl)phthalate       |               | 4.900     | J    | 1.9  | 5 ug/L |
| P5145-01                    | 286085          | Water  | Di-n-butylphthalate              |               | 10.700    |      | 1.5  | 5 ug/L |
| Total Svoc :                |                 |        |                                  | 15.60         |           |      |      |        |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** BF120624

**Client:**

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| Sample ID | Client ID | Parameter            | Concentration | C      | MDL | RDL | Units |
|-----------|-----------|----------------------|---------------|--------|-----|-----|-------|
|           |           | Total Concentration: |               | 398.00 |     |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF112124

SAS No.: BF112124

SDG No.: BF112124

Instrument ID:

Calibration Date(s): 11/21/2024

Calibration Time(s): 11:13

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BF140528.D |        |        | RRF005 = BF140529.D |        | RRF010 = BF140530.D |       |
|                             |        | RRF020 = BF140531.D |        |        | RRF040 = BF140532.D |        | RRF050 = BF140533.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.616               | 0.611  | 0.661  | 0.648               | 0.632  | 0.637               | 3.1   |
| Pyridine                    |        | 0.981               | 1.019  | 1.121  | 1.192               | 1.062  | 1.084               | 6.5   |
| 2-Fluorophenol              |        | 1.261               | 1.233  | 1.202  | 1.174               | 1.117  | 1.172               | 5.4   |
| Benzaldehyde                |        |                     | 1.007  | 0.970  | 0.738               | 0.752  | 0.820               | 19.6  |
| Aniline                     |        | 1.159               | 1.195  | 1.133  | 1.251               | 1.042  | 1.091               | 12.7  |
| Phenol-d6                   |        | 1.729               | 1.617  | 1.559  | 1.602               | 1.465  | 1.550               | 7.1   |
| Phenol                      |        | 1.723               | 1.648  | 1.620  | 1.667               | 1.514  | 1.583               | 7.0   |
| bis(2-Chloroethyl)ether     |        | 1.292               | 1.242  | 1.214  | 1.246               | 1.146  | 1.211               | 4.6   |
| 2-Chlorophenol              |        | 1.385               | 1.328  | 1.278  | 1.283               | 1.201  | 1.261               | 6.5   |
| 1,2-Dichlorobenzene         |        | 1.503               | 1.434  | 1.375  | 1.355               | 1.268  | 1.344               | 7.7   |
| 1,3-Dichlorobenzene         |        | 1.600               | 1.493  | 1.433  | 1.399               | 1.345  | 1.417               | 7.3   |
| 1,4-Dichlorobenzene         |        | 1.613               | 1.501  | 1.456  | 1.428               | 1.358  | 1.435               | 7.0   |
| Benzyl Alcohol              |        | 1.234               | 1.174  | 1.161  | 1.224               | 1.113  | 1.149               | 6.0   |
| 2-Methylphenol              |        | 1.121               | 1.034  | 1.033  | 1.042               | 0.956  | 1.010               | 6.7   |
| 2,2-oxybis(1-Chloropropane) |        | 1.650               | 1.480  | 1.434  | 1.463               | 1.335  | 1.431               | 8.4   |
| Acetophenone                |        | 0.536               | 0.511  | 0.494  | 0.481               | 0.463  | 0.488               | 5.7   |
| 3+4-Methylphenols           |        | 1.495               | 1.362  | 1.305  | 1.347               | 1.211  | 1.298               | 9.0   |
| n-Nitroso-di-n-propylamine  | 0.972  | 1.002               | 0.949  | 0.916  | 0.946               | 0.856  | 0.916               | 6.8   |
| Nitrobenzene-d5             |        | 0.409               | 0.403  | 0.395  | 0.392               | 0.377  | 0.391               | 3.2   |
| Hexachloroethane            |        | 0.598               | 0.545  | 0.549  | 0.537               | 0.514  | 0.536               | 6.2   |
| Nitrobenzene                |        | 0.439               | 0.409  | 0.409  | 0.401               | 0.388  | 0.404               | 4.3   |
| Isophorone                  |        | 0.694               | 0.654  | 0.657  | 0.662               | 0.629  | 0.652               | 3.4   |
| 2-Nitrophenol               |        | 0.178               | 0.172  | 0.185  | 0.180               | 0.178  | 0.179               | 2.2   |
| 2,4-Dimethylphenol          |        | 0.221               | 0.214  | 0.213  | 0.224               | 0.204  | 0.214               | 3.4   |
| bis(2-Chloroethoxy)methane  |        | 0.428               | 0.408  | 0.403  | 0.397               | 0.378  | 0.397               | 4.4   |
| 2,4-Dichlorophenol          |        | 0.301               | 0.291  | 0.290  | 0.282               | 0.277  | 0.284               | 3.8   |
| 1,2,4-Trichlorobenzene      |        | 0.342               | 0.338  | 0.332  | 0.317               | 0.317  | 0.324               | 3.9   |
| Benzoic acid                |        |                     | 0.101  | 0.126  | 0.177               | 0.185  | 0.164               | 24.7  |
| Naphthalene                 |        | 1.116               | 1.075  | 1.062  | 1.013               | 0.993  | 1.030               | 5.3   |
| 4-Chloroaniline             |        | 0.308               | 0.318  | 0.309  | 0.325               | 0.303  | 0.308               | 3.7   |
| Hexachlorobutadiene         |        | 0.227               | 0.225  | 0.219  | 0.212               | 0.209  | 0.215               | 4.2   |
| Caprolactam                 |        | 0.091               | 0.091  | 0.091  | 0.090               | 0.085  | 0.088               | 4.0   |
| 4-Chloro-3-methylphenol     |        | 0.348               | 0.318  | 0.317  | 0.327               | 0.307  | 0.318               | 5.0   |
| 2-Methylnaphthalene         |        | 0.724               | 0.680  | 0.669  | 0.650               | 0.623  | 0.654               | 6.1   |
| Hexachlorocyclopentadiene   |        |                     | 0.055  | 0.090  | 0.114               | 0.121  | 0.107               | 27.8  |
| 2,4,6-Trichlorophenol       |        | 0.384               | 0.358  | 0.375  | 0.366               | 0.364  | 0.367               | 2.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 11/21/2024  
Calibration Time(s): 11:13

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF140528.D |        |        | RRF005 = BF140529.D |        | RRF010 = BF140530.D |       |
|                            |        | RRF020 = BF140531.D |        |        | RRF040 = BF140532.D |        | RRF050 = BF140533.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.550               | 1.402  | 1.423  | 1.291               | 1.255  | 1.342               | 8.9   |
| 2,4,5-Trichlorophenol      |        | 0.402               | 0.396  | 0.410  | 0.404               | 0.390  | 0.399               | 1.8   |
| 1,1-Biphenyl               |        | 1.666               | 1.530  | 1.563  | 1.447               | 1.427  | 1.493               | 6.5   |
| 2-Chloronaphthalene        |        | 1.251               | 1.145  | 1.162  | 1.106               | 1.082  | 1.131               | 5.4   |
| 2-Nitroaniline             |        | 0.367               | 0.351  | 0.379  | 0.367               | 0.363  | 0.363               | 2.5   |
| Dimethylphthalate          |        | 1.455               | 1.329  | 1.346  | 1.299               | 1.267  | 1.317               | 5.3   |
| Acenaphthylene             |        | 1.890               | 1.765  | 1.808  | 1.662               | 1.628  | 1.710               | 6.6   |
| 2,6-Dinitrotoluene         |        | 0.314               | 0.299  | 0.307  | 0.301               | 0.291  | 0.299               | 3.2   |
| 3-Nitroaniline             |        | 0.307               | 0.297  | 0.309  | 0.300               | 0.289  | 0.292               | 5.7   |
| Acenaphthene               |        | 1.182               | 1.110  | 1.134  | 1.063               | 1.052  | 1.086               | 5.3   |
| 2,4-Dinitrophenol          |        |                     | 0.057  | 0.089  | 0.140               | 0.145  | 0.122               | 32.7  |
| 4-Nitrophenol              |        |                     | 0.160  | 0.195  | 0.207               | 0.212  | 0.199               | 10.3  |
| Dibenzofuran               |        | 1.898               | 1.739  | 1.739  | 1.622               | 1.559  | 1.657               | 8.5   |
| 2,4-Dinitrotoluene         |        | 0.403               | 0.403  | 0.416  | 0.404               | 0.386  | 0.397               | 3.2   |
| Diethylphthalate           |        | 1.495               | 1.375  | 1.393  | 1.311               | 1.292  | 1.338               | 6.7   |
| 4-Chlorophenyl-phenylether |        | 0.739               | 0.682  | 0.685  | 0.639               | 0.619  | 0.653               | 7.9   |
| Fluorene                   |        | 1.509               | 1.409  | 1.399  | 1.295               | 1.263  | 1.330               | 8.4   |
| 4-Nitroaniline             |        | 0.307               | 0.301  | 0.315  | 0.312               | 0.310  | 0.306               | 2.7   |
| 4,6-Dinitro-2-methylphenol |        |                     | 0.073  | 0.090  | 0.110               | 0.110  | 0.102               | 16.7  |
| n-Nitrosodiphenylamine     |        | 0.632               | 0.618  | 0.597  | 0.578               | 0.577  | 0.591               | 4.4   |
| Azobenzene                 |        | 1.406               | 1.320  | 1.320  | 1.235               | 1.205  | 1.267               | 6.5   |
| 2,4,6-Tribromophenol       |        | 0.222               | 0.209  | 0.220  | 0.216               | 0.210  | 0.214               | 2.5   |
| 4-Bromophenyl-phenylether  |        | 0.218               | 0.215  | 0.206  | 0.200               | 0.200  | 0.206               | 3.8   |
| Hexachlorobenzene          |        | 0.257               | 0.240  | 0.239  | 0.233               | 0.232  | 0.238               | 3.7   |
| Atrazine                   |        | 0.181               | 0.171  | 0.131  | 0.140               | 0.147  | 0.166               | 16.4  |
| Pentachlorophenol          |        |                     | 0.071  | 0.090  | 0.116               | 0.115  | 0.105               | 19.2  |
| Phenanthrene               |        | 1.074               | 1.020  | 0.970  | 0.944               | 0.925  | 0.961               | 6.9   |
| Anthracene                 |        | 1.038               | 0.994  | 0.958  | 0.925               | 0.905  | 0.940               | 6.5   |
| Carbazole                  |        | 1.004               | 0.949  | 0.930  | 0.889               | 0.876  | 0.905               | 6.7   |
| Di-n-butylphthalate        |        | 1.144               | 1.075  | 1.074  | 1.023               | 1.021  | 1.044               | 5.6   |
| Fluoranthene               |        | 1.186               | 1.111  | 1.114  | 1.014               | 0.999  | 1.044               | 9.1   |
| Benzidine                  |        | 0.268               | 0.422  | 0.296  | 0.575               | 0.734  | 0.581               | 47.3  |
| Pyrene                     |        | 1.905               | 1.801  | 1.897  | 1.853               | 1.791  | 1.849               | 2.8   |
| Terphenyl-d14              |        | 1.351               | 1.254  | 1.308  | 1.283               | 1.228  | 1.284               | 3.3   |
| Butylbenzylphthalate       |        | 0.676               | 0.644  | 0.694  | 0.679               | 0.655  | 0.666               | 3.0   |
| 3,3-Dichlorobenzidine      |        | 0.375               | 0.383  | 0.393  | 0.413               | 0.406  | 0.397               | 4.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 11/21/2024  
Calibration Time(s): 11:13

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF140528.D |        |        | RRF005 = BF140529.D |        | RRF010 = BF140530.D |       |
|                            |        | RRF020 = BF140531.D |        |        | RRF040 = BF140532.D |        | RRF050 = BF140533.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.409               | 1.319  | 1.379  | 1.286               | 1.295  | 1.324               | 4.3   |
| Chrysene                   |        | 1.354               | 1.263  | 1.218  | 1.201               | 1.137  | 1.211               | 6.5   |
| Bis(2-ethylhexyl)phthalate |        | 0.904               | 0.828  | 0.862  | 0.833               | 0.824  | 0.841               | 4.0   |
| Di-n-octyl phthalate       |        | 1.198               | 1.133  | 1.147  | 1.132               | 1.147  | 1.150               | 2.3   |
| Benzo(b)fluoranthene       |        | 1.347               | 1.256  | 1.380  | 1.186               | 1.248  | 1.256               | 6.4   |
| Benzo(k)fluoranthene       |        | 1.243               | 1.236  | 1.059  | 1.101               | 1.022  | 1.099               | 9.3   |
| Benzo(a)pyrene             |        | 1.062               | 1.050  | 1.063  | 1.007               | 0.998  | 1.021               | 3.8   |
| Indeno(1,2,3-cd)pyrene     |        | 1.209               | 1.283  | 1.299  | 1.304               | 1.306  | 1.303               | 4.5   |
| Dibenzo(a,h)anthracene     |        | 1.015               | 1.038  | 1.063  | 1.068               | 1.075  | 1.067               | 3.9   |
| Benzo(g,h,i)perylene       |        | 1.033               | 1.090  | 1.078  | 1.085               | 1.094  | 1.089               | 3.5   |
| 1,2,4,5-Tetrachlorobenzene |        | 0.635               | 0.604  | 0.606  | 0.563               | 0.561  | 0.586               | 5.0   |
| 1,4-Dioxane                |        | 0.501               | 0.502  | 0.576  | 0.489               | 0.452  | 0.493               | 8.5   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.307               | 0.296  | 0.308  | 0.312               | 0.305  | 0.306               | 1.7   |
| 1-Methylnaphthalene        |        | 0.707               | 0.665  | 0.659  | 0.638               | 0.611  | 0.641               | 6.0   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDICCC040

Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140532.D

Time Analyzed: 12:51

Instrument ID: BNA\_F

GC Column: DB-UI ID: 0.18 (mm)

|    |                               | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|----|-------------------------------|---------------------|-------|---------------------|-------|---------------------|--------|
|    | 12 HOUR STD                   | 107516              | 6.875 | 413408              | 8.16  | 234407              | 9.92   |
|    | UPPER LIMIT                   | 215032              | 7.375 | 826816              | 8.657 | 468814              | 10.416 |
|    | LOWER LIMIT                   | 53758               | 6.375 | 206704              | 7.657 | 117203.5            | 9.416  |
|    | EPA SAMPLE NO.                |                     |       |                     |       |                     |        |
| 01 | PB165423BL                    | 74703               | 6.87  | 285610              | 8.15  | 164143              | 9.91   |
| 02 | PB165423BS                    | 87714               | 6.87  | 336659              | 8.15  | 192900              | 9.91   |
| 03 | MOO-24-00374                  | 58120               | 6.87  | 154680 *            | 8.16  | 96966 *             | 9.93   |
| 04 | LAW-OILY-STONES               | 62074               | 6.87  | 227455              | 8.15  | 119754              | 9.90   |
| 05 | LL-001                        | 64961               | 6.87  | 244629              | 8.15  | 135499              | 9.90   |
| 06 | LL-001-FB-12-4-24             | 71328               | 6.87  | 277405              | 8.15  | 168241              | 9.90   |
| 07 | 286085                        | 62057               | 6.87  | 218612              | 8.15  | 108770 *            | 9.90   |
| 08 | MH-764                        | 68557               | 6.87  | 259669              | 8.15  | 145006              | 9.90   |
| 09 | MH-764MS                      | 74918               | 6.87  | 282088              | 8.15  | 153428              | 9.90   |
| 10 | MH-764MSD                     | 69745               | 6.87  | 259192              | 8.15  | 145737              | 9.90   |
| 11 | MH-B                          | 73573               | 6.87  | 279638              | 8.15  | 154403              | 9.90   |
| 12 | MH-A                          | 81264               | 6.87  | 328820              | 8.15  | 168323              | 9.90   |
| 13 | TAPIAL2-IDW-SOIL-120424-00-T2 | 75283               | 6.87  | 286087              | 8.15  | 161217              | 9.90   |
| 14 | MOO-24-00374                  | 72511               | 6.87  | 274985              | 8.15  | 155140              | 9.90   |
| 15 | COMP-1                        | 73273               | 6.87  | 277866              | 8.15  | 177564              | 9.90   |
| 16 | MH-BDL                        | 93831               | 6.87  | 297001              | 8.15  | 159817              | 9.90   |
| 17 | ASPHALT-COMP                  | 64927               | 6.87  | 244605              | 8.15  | 124314              | 9.90   |
| 18 | COMP-1                        | 64905               | 6.87  | 236016              | 8.15  | 114166 *            | 9.90   |
| 19 | 10TH-ST-SOIL                  | 61702               | 6.87  | 221938              | 8.15  | 107610 *            | 9.90   |
| 20 | 10TH-ST-SOILMS                | 69805               | 6.87  | 258221              | 8.15  | 131159              | 9.90   |
| 21 | 10TH-ST-SOILMSD               | 70323               | 6.87  | 252197              | 8.15  | 122922              | 9.90   |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 21:36

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|-------|---------------------|--------|
| 12 HOUR STD    | 107516              | 6.875 | 413408              | 8.16  | 234407              | 9.92   |
| UPPER LIMIT    | 215032              | 7.375 | 826816              | 8.657 | 468814              | 10.416 |
| LOWER LIMIT    | 53758               | 6.375 | 206704              | 7.657 | 117203.5            | 9.416  |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDCCC040

Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140760.D

Time Analyzed: 12:51

Instrument ID: BNA\_F

GC Column: DB-UI ID: 0.18 (mm)

|    |                               | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #  |
|----|-------------------------------|---------------------|-------|---------------------|-------|---------------------|-------|
|    | 12 HOUR STD                   | 95022               | 6.875 | 350541              | 8.16  | 200131              | 9.91  |
|    | UPPER LIMIT                   | 190044              | 7.375 | 701082              | 8.657 | 400262              | 10.41 |
|    | LOWER LIMIT                   | 47511               | 6.375 | 175270.5            | 7.657 | 100065.5            | 9.41  |
|    | EPA SAMPLE NO.                |                     |       |                     |       |                     |       |
| 01 | PB165423BL                    | 74703               | 6.87  | 285610              | 8.15  | 164143              | 9.91  |
| 02 | PB165423BS                    | 87714               | 6.87  | 336659              | 8.15  | 192900              | 9.91  |
| 03 | MOO-24-00374                  | 58120               | 6.87  | 154680 *            | 8.16  | 96966 *             | 9.93  |
| 04 | LAW-OILY-STONES               | 62074               | 6.87  | 227455              | 8.15  | 119754              | 9.90  |
| 05 | LL-001                        | 64961               | 6.87  | 244629              | 8.15  | 135499              | 9.90  |
| 06 | LL-001-FB-12-4-24             | 71328               | 6.87  | 277405              | 8.15  | 168241              | 9.90  |
| 07 | 286085                        | 62057               | 6.87  | 218612              | 8.15  | 108770              | 9.90  |
| 08 | MH-764                        | 68557               | 6.87  | 259669              | 8.15  | 145006              | 9.90  |
| 09 | MH-764MS                      | 74918               | 6.87  | 282088              | 8.15  | 153428              | 9.90  |
| 10 | MH-764MSD                     | 69745               | 6.87  | 259192              | 8.15  | 145737              | 9.90  |
| 11 | MH-B                          | 73573               | 6.87  | 279638              | 8.15  | 154403              | 9.90  |
| 12 | MH-A                          | 81264               | 6.87  | 328820              | 8.15  | 168323              | 9.90  |
| 13 | TAPIAL2-IDW-SOIL-120424-00-T2 | 75283               | 6.87  | 286087              | 8.15  | 161217              | 9.90  |
| 14 | MOO-24-00374                  | 72511               | 6.87  | 274985              | 8.15  | 155140              | 9.90  |
| 15 | COMP-1                        | 73273               | 6.87  | 277866              | 8.15  | 177564              | 9.90  |
| 16 | MH-BDL                        | 93831               | 6.87  | 297001              | 8.15  | 159817              | 9.90  |
| 17 | ASPHALT-COMP                  | 64927               | 6.87  | 244605              | 8.15  | 124314              | 9.90  |
| 18 | COMP-1                        | 64905               | 6.87  | 236016              | 8.15  | 114166              | 9.90  |
| 19 | 10TH-ST-SOIL                  | 61702               | 6.87  | 221938              | 8.15  | 107610              | 9.90  |
| 20 | 10TH-ST-SOILMS                | 69805               | 6.87  | 258221              | 8.15  | 131159              | 9.90  |
| 21 | 10TH-ST-SOILMSD               | 70323               | 6.87  | 252197              | 8.15  | 122922              | 9.90  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140760.D Time Analyzed: 21:36

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #  | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|-------|---------------------|-------|
| 12 HOUR STD    | 95022               | 6.875 | 350541              | 8.16  | 200131              | 9.91  |
| UPPER LIMIT    | 190044              | 7.375 | 701082              | 8.657 | 400262              | 10.41 |
| LOWER LIMIT    | 47511               | 6.375 | 175270.5            | 7.657 | 100065.5            | 9.41  |
| EPA SAMPLE NO. |                     |       |                     |       |                     |       |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 12:51

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|    |                            | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD                | 437466              | 11.404 | 239343              | 14.051 | 211422              | 15.539 |
|    | UPPER LIMIT                | 874932              | 11.904 | 478686              | 14.551 | 422844              | 16.039 |
|    | LOWER LIMIT                | 218733              | 10.904 | 119671.5            | 13.551 | 105711              | 15.039 |
|    | EPA SAMPLE NO.             |                     |        |                     |        |                     |        |
| 01 | PB165423BL                 | 333073              | 11.40  | 265116              | 14.06  | 224020              | 15.57  |
| 02 | PB165423BS                 | 363576              | 11.40  | 240000              | 14.06  | 193248              | 15.56  |
| 03 | MOO-24-00374               | 149935 *            | 11.42  | 120887              | 14.09  | 110610              | 15.60  |
| 04 | LAW-OILY-STONES            | 187301 *            | 11.40  | 123876              | 14.05  | 139311              | 15.55  |
| 05 | LL-001                     | 232952              | 11.40  | 138014              | 14.05  | 150336              | 15.56  |
| 06 | LL-001-FB-12-4-24          | 294061              | 11.40  | 155103              | 14.05  | 186876              | 15.56  |
| 07 | 286085                     | 160131 *            | 11.41  | 134441              | 14.07  | 148729              | 15.57  |
| 08 | MH-764                     | 244799              | 11.40  | 165924              | 14.06  | 190322              | 15.57  |
| 09 | MH-764MS                   | 263510              | 11.40  | 161244              | 14.06  | 176806              | 15.59  |
| 10 | MH-764MSD                  | 248438              | 11.40  | 144492              | 14.06  | 158613              | 15.59  |
| 11 | MH-B                       | 276172              | 11.40  | 162479              | 14.05  | 169312              | 15.55  |
| 12 | MH-A                       | 264663              | 11.40  | 162427              | 14.05  | 179237              | 15.55  |
| 13 | TAPIAL2-IDW-SOIL-120424-00 | 283365              | 11.40  | 166085              | 14.05  | 166285              | 15.55  |
| 14 | MOO-24-00374               | 283652              | 11.40  | 184394              | 14.05  | 148223              | 15.55  |
| 15 | COMP-1                     | 306620              | 11.39  | 160942              | 14.06  | 186676              | 15.57  |
| 16 | MH-BDL                     | 272737              | 11.40  | 197243              | 14.05  | 229053              | 15.57  |
| 17 | ASPHALT-COMP               | 193576 *            | 11.39  | 140154              | 14.05  | 141437              | 15.56  |
| 18 | COMP-1                     | 159409 *            | 11.40  | 136931              | 14.06  | 135401              | 15.56  |
| 19 | 10TH-ST-SOIL               | 161573 *            | 11.40  | 131775              | 14.05  | 112962              | 15.56  |
| 20 | 10TH-ST-SOILMS             | 206862 *            | 11.40  | 144601              | 14.06  | 118347              | 15.56  |
| 21 | 10TH-ST-SOILMSD            | 192178 *            | 11.40  | 146775              | 14.06  | 115742              | 15.56  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 21:36

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 437466              | 11.404 | 239343              | 14.051 | 211422              | 15.539 |
| UPPER LIMIT    | 874932              | 11.904 | 478686              | 14.551 | 422844              | 16.039 |
| LOWER LIMIT    | 218733              | 10.904 | 119671.5            | 13.551 | 105711              | 15.039 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140760.D Time Analyzed: 12:51

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|    |                            | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|----------------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD                | 378576              | 11.404 | 226669              | 14.057 | 194773              | 15.557 |
|    | UPPER LIMIT                | 757152              | 11.904 | 453338              | 14.557 | 389546              | 16.057 |
|    | LOWER LIMIT                | 189288              | 10.904 | 113334.5            | 13.557 | 97386.5             | 15.057 |
|    | EPA SAMPLE NO.             |                     |        |                     |        |                     |        |
| 01 | PB165423BL                 | 333073              | 11.40  | 265116              | 14.06  | 224020              | 15.57  |
| 02 | PB165423BS                 | 363576              | 11.40  | 240000              | 14.06  | 193248              | 15.56  |
| 03 | MOO-24-00374               | 149935 *            | 11.42  | 120887              | 14.09  | 110610              | 15.60  |
| 04 | LAW-OILY-STONES            | 187301 *            | 11.40  | 123876              | 14.05  | 139311              | 15.55  |
| 05 | LL-001                     | 232952              | 11.40  | 138014              | 14.05  | 150336              | 15.56  |
| 06 | LL-001-FB-12-4-24          | 294061              | 11.40  | 155103              | 14.05  | 186876              | 15.56  |
| 07 | 286085                     | 160131 *            | 11.41  | 134441              | 14.07  | 148729              | 15.57  |
| 08 | MH-764                     | 244799              | 11.40  | 165924              | 14.06  | 190322              | 15.57  |
| 09 | MH-764MS                   | 263510              | 11.40  | 161244              | 14.06  | 176806              | 15.59  |
| 10 | MH-764MSD                  | 248438              | 11.40  | 144492              | 14.06  | 158613              | 15.59  |
| 11 | MH-B                       | 276172              | 11.40  | 162479              | 14.05  | 169312              | 15.55  |
| 12 | MH-A                       | 264663              | 11.40  | 162427              | 14.05  | 179237              | 15.55  |
| 13 | TAPIAL2-IDW-SOIL-120424-00 | 283365              | 11.40  | 166085              | 14.05  | 166285              | 15.55  |
| 14 | MOO-24-00374               | 283652              | 11.40  | 184394              | 14.05  | 148223              | 15.55  |
| 15 | COMP-1                     | 306620              | 11.39  | 160942              | 14.06  | 186676              | 15.57  |
| 16 | MH-BDL                     | 272737              | 11.40  | 197243              | 14.05  | 229053              | 15.57  |
| 17 | ASPHALT-COMP               | 193576              | 11.39  | 140154              | 14.05  | 141437              | 15.56  |
| 18 | COMP-1                     | 159409 *            | 11.40  | 136931              | 14.06  | 135401              | 15.56  |
| 19 | 10TH-ST-SOIL               | 161573 *            | 11.40  | 131775              | 14.05  | 112962              | 15.56  |
| 20 | 10TH-ST-SOILMS             | 206862              | 11.40  | 144601              | 14.06  | 118347              | 15.56  |
| 21 | 10TH-ST-SOILMSD            | 192178              | 11.40  | 146775              | 14.06  | 115742              | 15.56  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120624 SAS No.: BF120624 SDG NO.: BF120624

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 6 2024 12:00AM

Lab File ID: BF140760.D Time Analyzed: 21:36

Instrument ID: BNA\_F GC Column: DB-UI ID: 0.18 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 378576              | 11.404 | 226669              | 14.057 | 194773              | 15.557 |
| UPPER LIMIT    | 757152              | 11.904 | 453338              | 14.557 | 389546              | 16.057 |
| LOWER LIMIT    | 189288              | 10.904 | 113334.5            | 13.557 | 97386.5             | 15.057 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |

IS4 (PHN) = Phenanthrene-d10  
IS5 (CRY) = Chrysene-d12  
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120624**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB165423BS    | n-Nitrosodimethylamine      | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 103    |  |     |
|               | Pyridine                    | 1700  | 1400   | ug/Kg | 82  |     |      |      | 28  | 98     |  |     |
|               | Benzaldehyde                | 1700  | 630    | ug/Kg | 37  |     |      |      | 10  | 133    |  |     |
|               | Aniline                     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 38  | 100    |  |     |
|               | Phenol                      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62  | 112    |  |     |
|               | bis(2-Chloroethyl)ether     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60  | 101    |  |     |
|               | 2-Chlorophenol              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 65  | 112    |  |     |
|               | 1,2-Dichlorobenzene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 51  | 102    |  |     |
|               | 1,3-Dichlorobenzene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 52  | 99     |  |     |
|               | 1,4-Dichlorobenzene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 52  | 100    |  |     |
|               | Benzyl Alcohol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 42  | 116    |  |     |
|               | 2-Methylphenol              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 108    |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1700  | 1600   | ug/Kg | 94  |     |      |      | 51  | 100    |  |     |
|               | Acetophenone                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 98     |  |     |
|               | 3+4-Methylphenols           | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58  | 111    |  |     |
|               | N-Nitroso-di-n-propylamine  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63  | 95     |  |     |
|               | Hexachloroethane            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 72  | 108    |  |     |
|               | Nitrobenzene                | 1700  | 1400   | ug/Kg | 82  |     |      |      | 57  | 101    |  |     |
|               | Isophorone                  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 99     |  |     |
|               | 2-Nitrophenol               | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 111    |  |     |
|               | 2,4-Dimethylphenol          | 1700  | 2000   | ug/Kg | 118 |     |      |      | 46  | 141    |  |     |
|               | bis(2-Chloroethoxy)methane  | 1700  | 1600   | ug/Kg | 94  |     |      |      | 66  | 97     |  |     |
|               | 2,4-Dichlorophenol          | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62  | 107    |  |     |
|               | 1,2,4-Trichlorobenzene      | 1700  | 1500   | ug/Kg | 88  |     |      |      | 44  | 110    |  |     |
|               | Benzoic acid                | 1700  | 1300   | ug/Kg | 76  |     |      |      | 10  | 140    |  |     |
|               | Naphthalene                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 100    |  |     |
|               | 4-Chloroaniline             | 1700  | 690    | ug/Kg | 41  |     |      |      | 16  | 100    |  |     |
|               | Hexachlorobutadiene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53  | 98     |  |     |
|               | Caprolactam                 | 1700  | 1600   | ug/Kg | 94  |     |      |      | 67  | 110    |  |     |
|               | 4-Chloro-3-methylphenol     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58  | 112    |  |     |
|               | 2-Methylnaphthalene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60  | 104    |  |     |
|               | Hexachlorocyclopentadiene   | 3300  | 4900   | ug/Kg | 148 |     |      |      | 45  | 165    |  |     |
|               | 2,4,6-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59  | 102    |  |     |
|               | 2,4,5-Trichlorophenol       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 98     |  |     |
|               | 1,1-Biphenyl                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 103    |  |     |
|               | 2-Chloronaphthalene         | 1700  | 1500   | ug/Kg | 88  |     |      |      | 58  | 99     |  |     |
|               | 2-Nitroaniline              | 1700  | 1500   | ug/Kg | 88  |     |      |      | 66  | 101    |  |     |
|               | Dimethylphthalate           | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 99     |  |     |
|               | Acenaphthylene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63  | 101    |  |     |
|               | 2,6-Dinitrotoluene          | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 104    |  |     |
|               | 3-Nitroaniline              | 1700  | 950    | ug/Kg | 56  |     |      |      | 28  | 100    |  |     |
|               | Acenaphthene                | 1700  | 1500   | ug/Kg | 88  |     |      |      | 57  | 104    |  |     |
|               | Total PAH                   | 27200 | 25600  | ug/Kg | 94  |     |      |      | 57  | 104    |  |     |
|               | 2,4-Dinitrophenol           | 3300  | 3000   | ug/Kg | 91  |     |      |      | 37  | 128    |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120624**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                      | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|--------------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                                |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB165423BS    | 4-Nitrophenol                  | 3300  | 2700   | ug/Kg | 82  |     |      |      | 48  | 119    |  |     |
|               | Dibenzofuran                   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 63  | 99     |  |     |
|               | 2,4-Dinitrotoluene             | 1700  | 1500   | ug/Kg | 88  |     |      |      | 60  | 106    |  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitro | 3400  | 3000   | ug/Kg | 88  |     |      |      | 60  | 106    |  |     |
|               | Diethylphthalate               | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60  | 101    |  |     |
|               | 4-Chlorophenyl-phenylether     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 58  | 98     |  |     |
|               | Fluorene                       | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61  | 101    |  |     |
|               | 4-Nitroaniline                 | 1700  | 1500   | ug/Kg | 88  |     |      |      | 64  | 103    |  |     |
|               | 4,6-Dinitro-2-methylphenol     | 1700  | 1800   | ug/Kg | 106 |     |      |      | 76  | 113    |  |     |
|               | N-Nitrosodiphenylamine         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 71  | 99     |  |     |
|               | Azobenzene                     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 54  | 103    |  |     |
|               | 4-Bromophenyl-phenylether      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 66  | 102    |  |     |
|               | Hexachlorobenzene              | 1700  | 1600   | ug/Kg | 94  |     |      |      | 64  | 98     |  |     |
|               | Atrazine                       | 1700  | 1900   | ug/Kg | 112 |     |      |      | 47  | 152    |  |     |
|               | Pentachlorophenol              | 3300  | 3000   | ug/Kg | 91  |     |      |      | 67  | 105    |  |     |
|               | Phenanthrene                   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 103    |  |     |
|               | Anthracene                     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61  | 105    |  |     |
|               | Carbazole                      | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61  | 99     |  |     |
|               | Di-n-butylphthalate            | 1700  | 1700   | ug/Kg | 100 |     |      |      | 58  | 104    |  |     |
|               | Fluoranthene                   | 1700  | 1700   | ug/Kg | 100 |     |      |      | 57  | 107    |  |     |
|               | Benzidine                      | 3300  | 1100   | ug/Kg | 33  |     |      |      | 10  | 98     |  |     |
|               | Pyrene                         | 1700  | 1400   | ug/Kg | 82  |     |      |      | 59  | 103    |  |     |
|               | Butylbenzylphthalate           | 1700  | 1600   | ug/Kg | 94  |     |      |      | 55  | 103    |  |     |
|               | 3,3-Dichlorobenzidine          | 1700  | 1200   | ug/Kg | 71  |     |      |      | 42  | 91     |  |     |
|               | Benzo(a)anthracene             | 1700  | 1700   | ug/Kg | 100 |     |      |      | 60  | 102    |  |     |
|               | Chrysene                       | 1700  | 1600   | ug/Kg | 94  |     |      |      | 59  | 101    |  |     |
|               | bis(2-Ethylhexyl)phthalate     | 1700  | 1700   | ug/Kg | 100 |     |      |      | 54  | 135    |  |     |
|               | Di-n-octyl phthalate           | 1700  | 1700   | ug/Kg | 100 |     |      |      | 52  | 137    |  |     |
|               | Benzo(b)fluoranthene           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62  | 109    |  |     |
|               | Benzo(k)fluoranthene           | 1700  | 1800   | ug/Kg | 106 |     |      |      | 62  | 109    |  |     |
|               | Benzo(a)pyrene                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 63  | 103    |  |     |
|               | Indeno(1,2,3-cd)pyrene         | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63  | 101    |  |     |
|               | Dibenz(a,h)anthracene          | 1700  | 1700   | ug/Kg | 100 |     |      |      | 61  | 112    |  |     |
|               | Benzo(g,h,i)perylene           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70  | 108    |  |     |
|               | 1,2,4,5-Tetrachlorobenzene     | 1700  | 1500   | ug/Kg | 88  |     |      |      | 53  | 101    |  |     |
|               | 1,4-Dioxane                    | 1700  | 1300   | ug/Kg | 76  |     |      |      | 50  | 96     |  |     |
|               | 2,3,4,6-Tetrachlorophenol      | 1700  | 1800   | ug/Kg | 106 |     |      |      | 59  | 108    |  |     |
|               | 1-Methylnaphthalene            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70  | 130    |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ASPHALT-COMP

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BF120624

SAS No.: BF120624 SDG NO.: BF120624

Lab File ID: BF140777.D

Lab Sample ID: P5108-01

Instrument ID: BNA\_F

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 19:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| ASPHALT-COMP      | P5108-01         | BF140777.D     | 12/06/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165423BL

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BF120624

SAS No.: BF120624 SDG NO.: BF120624

Lab File ID: BF140761.D

Lab Sample ID: PB165423BL

Instrument ID: BNA\_F

Date Extracted: 12/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 12:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB165423BS        | PB165423BS       | BF140762.D     | 12/06/2024       |
| MOO-24-00374      | P5133-01         | BF140763.D     | 12/06/2024       |
| LAW-OILY-STONES   | P5137-01         | BF140764.D     | 12/06/2024       |
| COMP-1            | P5136-01         | BF140778.D     | 12/06/2024       |
| 10TH-ST-SOIL      | P5112-01         | BF140779.D     | 12/06/2024       |
| 10TH-ST-SOILMS    | P5112-01MS       | BF140780.D     | 12/06/2024       |
| 10TH-ST-SOILMSD   | P5112-01MSD      | BF140781.D     | 12/06/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

LL-001

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BF120624

SAS No.: BF120624 SDG NO.: BF120624

Lab File ID: BF140765.D

Lab Sample ID: P5093-01

Instrument ID: BNA\_F

Date Extracted: 12/06/2024

Matrix: (soil/water) Water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 14:40

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| LL-001            | P5093-01         | BF140765.D     | 12/06/2024       |
| LL-001-FB-12-4-24 | P5093-02         | BF140766.D     | 12/06/2024       |
| 286085            | P5145-01         | BF140767.D     | 12/06/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-764

Lab Name: CHEMTECH

Contract: \_\_\_\_\_

Lab Code: CHEM Case No.: BF120624

SAS No.: BF120624 SDG NO.: BF120624

Lab File ID: BF140768.D

Lab Sample ID: P5095-04

Instrument ID: BNA\_F

Date Extracted: 12/06/2024

Matrix: (soil/water) water

Date Analyzed: 12/06/2024

Level: (low/med) LOW

Time Analyzed: 15:58

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO.             | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------------------|------------------|----------------|------------------|
| MH-764                        | P5095-04         | BF140768.D     | 12/06/2024       |
| MH-764MS                      | P5095-04MS       | BF140769.D     | 12/06/2024       |
| MH-764MSD                     | P5095-04MSD      | BF140770.D     | 12/06/2024       |
| MH-B                          | P5096-04         | BF140771.D     | 12/06/2024       |
| MH-A                          | P5096-08         | BF140772.D     | 12/06/2024       |
| TAPIAL2-IDW-SOIL-120424-00-T2 | P5117-02         | BF140773.D     | 12/06/2024       |
| MOO-24-00374                  | P5133-02         | BF140774.D     | 12/06/2024       |
| COMP-1                        | P5136-02         | BF140775.D     | 12/06/2024       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                        | Spike | Sample Result                           | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|-----------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5112-01MS</b> |       | <b>Client Sample ID: 10TH-ST-SOILMS</b> |        | <b>DataFile: BF140780.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 1800  |                                         | 1700   | ug/Kg                       | 94  |          |     |          | 66  | 124         |     |
| Pyridine                         | 1800  |                                         | 1700   | ug/Kg                       | 94  |          |     |          | 45  | 119         |     |
| Benzaldehyde                     | 1800  |                                         | 900    | ug/Kg                       | 50  |          |     |          | 10  | 86          |     |
| Aniline                          | 1800  |                                         | 1000   | ug/Kg                       | 56  |          |     |          | 10  | 88          |     |
| Phenol                           | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 67  | 126         |     |
| bis(2-Chloroethyl)ether          | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 54  | 125         |     |
| 2-Chlorophenol                   | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 79  | 107         |     |
| 1,2-Dichlorobenzene              | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 61  | 105         |     |
| 1,3-Dichlorobenzene              | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 62  | 101         |     |
| 1,4-Dichlorobenzene              | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 63  | 104         |     |
| Benzyl Alcohol                   | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 47  | 126         |     |
| 2-Methylphenol                   | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 66  | 122         |     |
| 2,2-oxybis(1-Chloropropane)      | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 65  | 110         |     |
| Acetophenone                     | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 75  | 111         |     |
| 3+4-Methylphenols                | 1800  |                                         | 1900   | ug/Kg                       | 106 | *        |     |          | 66  | 104         |     |
| N-Nitroso-di-n-propylamine       | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 59  | 119         |     |
| Hexachloroethane                 | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 65  | 117         |     |
| Nitrobenzene                     | 1800  |                                         | 1700   | ug/Kg                       | 94  |          |     |          | 70  | 119         |     |
| Isophorone                       | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 76  | 122         |     |
| 2-Nitrophenol                    | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 54  | 145         |     |
| 2,4-Dimethylphenol               | 1800  |                                         | 2400   | ug/Kg                       | 133 |          |     |          | 44  | 135         |     |
| bis(2-Chloroethoxy)methane       | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 68  | 112         |     |
| 2,4-Dichlorophenol               | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 72  | 118         |     |
| 1,2,4-Trichlorobenzene           | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 57  | 103         |     |
| Benzoic acid                     | 1800  |                                         | 1400   | ug/Kg                       | 78  |          |     |          | 50  | 104         |     |
| Naphthalene                      | 1800  | 160                                     | 2000   | ug/Kg                       | 102 |          |     |          | 72  | 110         |     |
| 4-Chloroaniline                  | 1800  |                                         | 360    | ug/Kg                       | 20  |          |     |          | 10  | 91          |     |
| Hexachlorobutadiene              | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 66  | 114         |     |
| Caprolactam                      | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 51  | 134         |     |
| 4-Chloro-3-methylphenol          | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 57  | 132         |     |
| 2-Methylnaphthalene              | 1800  | 120                                     | 2000   | ug/Kg                       | 104 |          |     |          | 59  | 123         |     |
| Hexachlorocyclopentadiene        | 3600  |                                         | 2400   | ug/Kg                       | 67  |          |     |          | 10  | 175         |     |
| 2,4,6-Trichlorophenol            | 1800  |                                         | 2000   | ug/Kg                       | 111 |          |     |          | 72  | 117         |     |
| 2,4,5-Trichlorophenol            | 1800  |                                         | 1800   | ug/Kg                       | 100 |          |     |          | 72  | 117         |     |
| 1,1-Biphenyl                     | 1800  |                                         | 2000   | ug/Kg                       | 111 |          |     |          | 75  | 113         |     |
| 2-Chloronaphthalene              | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 67  | 118         |     |
| 2-Nitroaniline                   | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 69  | 127         |     |
| Dimethylphthalate                | 1800  |                                         | 2100   | ug/Kg                       | 117 | *        |     |          | 70  | 113         |     |
| Acenaphthylene                   | 1800  | 140                                     | 2100   | ug/Kg                       | 109 |          |     |          | 79  | 118         |     |
| 2,6-Dinitrotoluene               | 1800  |                                         | 1900   | ug/Kg                       | 106 |          |     |          | 70  | 125         |     |
| 3-Nitroaniline                   | 1800  |                                         | 1200   | ug/Kg                       | 67  |          |     |          | 30  | 99          |     |
| Acenaphthene                     | 1800  | 410                                     | 2200   | ug/Kg                       | 99  |          |     |          | 70  | 121         |     |
| Total PAH                        | 28800 | 28620                                   | 51400  | ug/Kg                       | 79  |          |     |          | 70  | 121         |     |
| 2,4-Dinitrophenol                | 3600  |                                         | 2000   | ug/Kg                       | 56  |          |     |          | 10  | 155         |     |
| 4-Nitrophenol                    | 3600  |                                         | 2400   | ug/Kg                       | 67  |          |     |          | 45  | 133         |     |
| Dibenzofuran                     | 1800  | 240                                     | 2100   | ug/Kg                       | 103 |          |     |          | 72  | 110         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-----------------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 3600  |                  | 3700   | ug/Kg | 103 |             |     |             | 55  | 128            |     |
| 2,4-Dinitrotoluene                | 1800  |                  | 1800   | ug/Kg | 100 |             |     |             | 55  | 128            |     |
| Diethylphthalate                  | 1800  |                  | 2000   | ug/Kg | 111 |             |     |             | 70  | 112            |     |
| 4-Chlorophenyl-phenylether        | 1800  |                  | 1900   | ug/Kg | 106 |             |     |             | 71  | 108            |     |
| Fluorene                          | 1800  | 400              | 2100   | ug/Kg | 94  |             |     |             | 68  | 116            |     |
| 4-Nitroaniline                    | 1800  |                  | 1500   | ug/Kg | 83  |             |     |             | 55  | 120            |     |
| 4,6-Dinitro-2-methylphenol        | 1800  |                  | 1700   | ug/Kg | 94  |             |     |             | 10  | 160            |     |
| N-Nitrosodiphenylamine            | 1800  |                  | 2300   | ug/Kg | 128 | *           |     |             | 73  | 118            |     |
| Azobenzene                        | 1800  |                  | 2000   | ug/Kg | 111 | *           |     |             | 73  | 110            |     |
| 4-Bromophenyl-phenylether         | 1800  |                  | 2100   | ug/Kg | 117 |             |     |             | 65  | 121            |     |
| Hexachlorobenzene                 | 1800  |                  | 2000   | ug/Kg | 111 |             |     |             | 67  | 118            |     |
| Atrazine                          | 1800  |                  | 2400   | ug/Kg | 133 | *           |     |             | 79  | 127            |     |
| Pentachlorophenol                 | 3600  |                  | 3000   | ug/Kg | 83  |             |     |             | 47  | 128            |     |
| Phenanthrene                      | 1800  | 4500             | 5300   | ug/Kg | 44  | *           |     |             | 52  | 128            |     |
| Anthracene                        | 1800  | 1100             | 2900   | ug/Kg | 100 |             |     |             | 62  | 124            |     |
| Carbazole                         | 1800  | 400              | 2200   | ug/Kg | 100 |             |     |             | 59  | 119            |     |
| Di-n-butylphthalate               | 1800  |                  | 2100   | ug/Kg | 117 |             |     |             | 69  | 118            |     |
| Fluoranthene                      | 1800  | 5500             | 5700   | ug/Kg | 11  | *           |     |             | 44  | 125            |     |
| Benzidine                         | 3600  |                  | 1200   | ug/Kg | 33  |             |     |             | 10  | 119            |     |
| Pyrene                            | 1800  | 3400             | 4300   | ug/Kg | 50  |             |     |             | 26  | 142            |     |
| Butylbenzylphthalate              | 1800  |                  | 1900   | ug/Kg | 106 |             |     |             | 64  | 126            |     |
| 3,3-Dichlorobenzidine             | 1800  |                  | 1300   | ug/Kg | 72  |             |     |             | 33  | 116            |     |
| Benzo(a)anthracene                | 1800  | 2700             | 4200   | ug/Kg | 83  |             |     |             | 71  | 114            |     |
| Chrysene                          | 1800  | 2200             | 3600   | ug/Kg | 78  |             |     |             | 57  | 121            |     |
| bis(2-Ethylhexyl)phthalate        | 1800  | 230              | 2200   | ug/Kg | 109 |             |     |             | 42  | 169            |     |
| Di-n-octyl phthalate              | 1800  |                  | 2700   | ug/Kg | 150 |             |     |             | 23  | 175            |     |
| Benzo(b)fluoranthene              | 1800  | 2600             | 4300   | ug/Kg | 94  |             |     |             | 67  | 121            |     |
| Benzo(k)fluoranthene              | 1800  | 1300             | 2900   | ug/Kg | 89  |             |     |             | 57  | 134            |     |
| Benzo(a)pyrene                    | 1800  | 2300             | 3800   | ug/Kg | 83  |             |     |             | 70  | 142            |     |
| Indeno(1,2,3-cd)pyrene            | 1800  | 800              | 2200   | ug/Kg | 78  |             |     |             | 40  | 129            |     |
| Dibenz(a,h)anthracene             | 1800  | 250              | 1700   | ug/Kg | 81  |             |     |             | 43  | 123            |     |
| Benzo(g,h,i)perylene              | 1800  | 860              | 2100   | ug/Kg | 69  |             |     |             | 24  | 125            |     |
| 1,2,4,5-Tetrachlorobenzene        | 1800  |                  | 2000   | ug/Kg | 111 |             |     |             | 69  | 124            |     |
| 1,4-Dioxane                       | 1800  |                  | 1600   | ug/Kg | 89  |             |     |             | 46  | 112            |     |
| 2,3,4,6-Tetrachlorophenol         | 1800  |                  | 1800   | ug/Kg | 100 |             |     |             | 69  | 112            |     |
| 1-Methylnaphthalene               | 1800  | 140              | 1900   | ug/Kg | 98  |             |     |             | 70  | 130            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result                            | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|------------------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5112-01MSD</b> |       | <b>Client Sample ID: 10TH-ST-SOILMSD</b> |        | <b>DataFile: BF140781.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine            | 1800  |                                          | 1700   | ug/Kg                       | 94  |          | 0   |          | 66  | 124         | 20  |
| Pyridine                          | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 6   |          | 45  | 119         | 20  |
| Benzaldehyde                      | 1800  |                                          | 890    | ug/Kg                       | 49  |          | 2   |          | 10  | 86          | 20  |
| Aniline                           | 1800  |                                          | 1000   | ug/Kg                       | 56  |          | 0   |          | 10  | 88          | 20  |
| Phenol                            | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 67  | 126         | 20  |
| bis(2-Chloroethyl)ether           | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 54  | 125         | 20  |
| 2-Chlorophenol                    | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 79  | 107         | 20  |
| 1,2-Dichlorobenzene               | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 61  | 105         | 20  |
| 1,3-Dichlorobenzene               | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 62  | 101         | 20  |
| 1,4-Dichlorobenzene               | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 63  | 104         | 20  |
| Benzyl Alcohol                    | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 47  | 126         | 20  |
| 2-Methylphenol                    | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 66  | 122         | 20  |
| 2,2-oxybis(1-Chloropropane)       | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 65  | 110         | 20  |
| Acetophenone                      | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 6   |          | 75  | 111         | 20  |
| 3+4-Methylphenols                 | 1800  |                                          | 1900   | ug/Kg                       | 106 | *        | 0   |          | 66  | 104         | 20  |
| N-Nitroso-di-n-propylamine        | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 59  | 119         | 20  |
| Hexachloroethane                  | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 65  | 117         | 20  |
| Nitrobenzene                      | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 6   |          | 70  | 119         | 20  |
| Isophorone                        | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 76  | 122         | 20  |
| 2-Nitrophenol                     | 1800  |                                          | 2000   | ug/Kg                       | 111 |          | 5   |          | 54  | 145         | 20  |
| 2,4-Dimethylphenol                | 1800  |                                          | 2400   | ug/Kg                       | 133 |          | 0   |          | 44  | 135         | 20  |
| bis(2-Chloroethoxy)methane        | 1800  |                                          | 2000   | ug/Kg                       | 111 |          | 5   |          | 68  | 112         | 20  |
| 2,4-Dichlorophenol                | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 72  | 118         | 20  |
| 1,2,4-Trichlorobenzene            | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 0   |          | 57  | 103         | 20  |
| Benzoic acid                      | 1800  |                                          | 1400   | ug/Kg                       | 78  |          | 0   |          | 50  | 104         | 20  |
| Naphthalene                       | 1800  | 160                                      | 2000   | ug/Kg                       | 102 |          | 0   |          | 72  | 110         | 20  |
| 4-Chloroaniline                   | 1800  |                                          | 390    | ug/Kg                       | 22  |          | 10  |          | 10  | 91          | 20  |
| Hexachlorobutadiene               | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 6   |          | 66  | 114         | 20  |
| Caprolactam                       | 1800  |                                          | 1800   | ug/Kg                       | 100 |          | 6   |          | 51  | 134         | 20  |
| 4-Chloro-3-methylphenol           | 1800  |                                          | 1700   | ug/Kg                       | 94  |          | 6   |          | 57  | 132         | 20  |
| 2-Methylnaphthalene               | 1800  | 120                                      | 2000   | ug/Kg                       | 104 |          | 0   |          | 59  | 123         | 20  |
| Hexachlorocyclopentadiene         | 3600  |                                          | 1900   | ug/Kg                       | 53  |          | 23  | *        | 10  | 175         | 20  |
| 2,4,6-Trichlorophenol             | 1800  |                                          | 2000   | ug/Kg                       | 111 |          | 0   |          | 72  | 117         | 20  |
| 2,4,5-Trichlorophenol             | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 6   |          | 72  | 117         | 20  |
| 1,1-Biphenyl                      | 1800  |                                          | 2100   | ug/Kg                       | 117 | *        | 5   |          | 75  | 113         | 20  |
| 2-Chloronaphthalene               | 1800  |                                          | 2000   | ug/Kg                       | 111 |          | 5   |          | 67  | 118         | 20  |
| 2-Nitroaniline                    | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 69  | 127         | 20  |
| Dimethylphthalate                 | 1800  |                                          | 2000   | ug/Kg                       | 111 |          | 5   |          | 70  | 113         | 20  |
| Acenaphthylene                    | 1800  | 140                                      | 2100   | ug/Kg                       | 109 |          | 0   |          | 79  | 118         | 20  |
| 2,6-Dinitrotoluene                | 1800  |                                          | 1900   | ug/Kg                       | 106 |          | 0   |          | 70  | 125         | 20  |
| 3-Nitroaniline                    | 1800  |                                          | 1100   | ug/Kg                       | 61  |          | 9   |          | 30  | 99          | 20  |
| Acenaphthene                      | 1800  | 410                                      | 2200   | ug/Kg                       | 99  |          | 0   |          | 70  | 121         | 20  |
| Total PAH                         | 28800 | 28620                                    | 52100  | ug/Kg                       | 82  |          | 4   |          | 70  | 121         | 20  |
| 2,4-Dinitrophenol                 | 3600  |                                          | 1600   | ug/Kg                       | 44  |          | 24  | *        | 10  | 155         | 20  |
| 4-Nitrophenol                     | 3600  |                                          | 2400   | ug/Kg                       | 67  |          | 0   |          | 45  | 133         | 20  |
| Dibenzofuran                      | 1800  | 240                                      | 2000   | ug/Kg                       | 98  |          | 5   |          | 72  | 110         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|-----------------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 3600  |                  | 3600   | ug/Kg | 100 |             | 3   |             | 55  | 128            | 20  |
| 2,4-Dinitrotoluene                | 1800  |                  | 1700   | ug/Kg | 94  |             | 6   |             | 55  | 128            | 20  |
| Diethylphthalate                  | 1800  |                  | 2000   | ug/Kg | 111 |             | 0   |             | 70  | 112            | 20  |
| 4-Chlorophenyl-phenylether        | 1800  |                  | 1900   | ug/Kg | 106 |             | 0   |             | 71  | 108            | 20  |
| Fluorene                          | 1800  | 400              | 2100   | ug/Kg | 94  |             | 0   |             | 68  | 116            | 20  |
| 4-Nitroaniline                    | 1800  |                  | 1500   | ug/Kg | 83  |             | 0   |             | 55  | 120            | 20  |
| 4,6-Dinitro-2-methylphenol        | 1800  |                  | 1300   | ug/Kg | 72  |             | 27  | *           | 10  | 160            | 20  |
| N-Nitrosodiphenylamine            | 1800  |                  | 2300   | ug/Kg | 128 | *           | 0   |             | 73  | 118            | 20  |
| Azobenzene                        | 1800  |                  | 2000   | ug/Kg | 111 | *           | 0   |             | 73  | 110            | 20  |
| 4-Bromophenyl-phenylether         | 1800  |                  | 2100   | ug/Kg | 117 |             | 0   |             | 65  | 121            | 20  |
| Hexachlorobenzene                 | 1800  |                  | 1900   | ug/Kg | 106 |             | 5   |             | 67  | 118            | 20  |
| Atrazine                          | 1800  |                  | 2400   | ug/Kg | 133 | *           | 0   |             | 79  | 127            | 20  |
| Pentachlorophenol                 | 3600  |                  | 3100   | ug/Kg | 86  |             | 4   |             | 47  | 128            | 20  |
| Phenanthrene                      | 1800  | 4500             | 5400   | ug/Kg | 50  | *           | 13  |             | 52  | 128            | 20  |
| Anthracene                        | 1800  | 1100             | 2900   | ug/Kg | 100 |             | 0   |             | 62  | 124            | 20  |
| Carbazole                         | 1800  | 400              | 2200   | ug/Kg | 100 |             | 0   |             | 59  | 119            | 20  |
| Di-n-butylphthalate               | 1800  |                  | 2200   | ug/Kg | 122 | *           | 4   |             | 69  | 118            | 20  |
| Fluoranthene                      | 1800  | 5500             | 6100   | ug/Kg | 33  | *           | 100 | *           | 44  | 125            | 20  |
| Benzidine                         | 3600  |                  | 1500   | ug/Kg | 42  |             | 24  | *           | 10  | 119            | 20  |
| Pyrene                            | 1800  | 3400             | 4200   | ug/Kg | 44  |             | 13  |             | 26  | 142            | 20  |
| Butylbenzylphthalate              | 1800  |                  | 1900   | ug/Kg | 106 |             | 0   |             | 64  | 126            | 20  |
| 3,3-Dichlorobenzidine             | 1800  |                  | 1500   | ug/Kg | 83  |             | 14  |             | 33  | 116            | 20  |
| Benzo(a)anthracene                | 1800  | 2700             | 4100   | ug/Kg | 78  |             | 6   |             | 71  | 114            | 20  |
| Chrysene                          | 1800  | 2200             | 3700   | ug/Kg | 83  |             | 6   |             | 57  | 121            | 20  |
| bis(2-Ethylhexyl)phthalate        | 1800  | 230              | 2200   | ug/Kg | 109 |             | 0   |             | 42  | 169            | 20  |
| Di-n-octyl phthalate              | 1800  |                  | 2700   | ug/Kg | 150 |             | 0   |             | 23  | 175            | 20  |
| Benzo(b)fluoranthene              | 1800  | 2600             | 4300   | ug/Kg | 94  |             | 0   |             | 67  | 121            | 20  |
| Benzo(k)fluoranthene              | 1800  | 1300             | 2900   | ug/Kg | 89  |             | 0   |             | 57  | 134            | 20  |
| Benzo(a)pyrene                    | 1800  | 2300             | 3800   | ug/Kg | 83  |             | 0   |             | 70  | 142            | 20  |
| Indeno(1,2,3-cd)pyrene            | 1800  | 800              | 2300   | ug/Kg | 83  |             | 6   |             | 40  | 129            | 20  |
| Dibenz(a,h)anthracene             | 1800  | 250              | 1800   | ug/Kg | 86  |             | 6   |             | 43  | 123            | 20  |
| Benzo(g,h,i)perylene              | 1800  | 860              | 2200   | ug/Kg | 74  |             | 7   |             | 24  | 125            | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 1800  |                  | 2100   | ug/Kg | 117 |             | 5   |             | 69  | 124            | 20  |
| 1,4-Dioxane                       | 1800  |                  | 1600   | ug/Kg | 89  |             | 0   |             | 46  | 112            | 20  |
| 2,3,4,6-Tetrachlorophenol         | 1800  |                  | 1800   | ug/Kg | 100 |             | 0   |             | 69  | 112            | 20  |
| 1-Methylnaphthalene               | 1800  | 140              | 1800   | ug/Kg | 92  |             | 6   |             | 70  | 130            | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                        | Spike | Sample Result                     | Result | Units                       | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------------|-------|-----------------------------------|--------|-----------------------------|-----|----------|-----|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5095-04MS</b> |       | <b>Client Sample ID: MH-764MS</b> |        | <b>DataFile: BF140769.D</b> |     |          |     |          |     |             |     |
| n-Nitrosodimethylamine           | 500   |                                   | 400    | ug/L                        | 80  |          |     |          | 10  | 130         |     |
| Pyridine                         | 500   |                                   | 290    | ug/L                        | 58  |          |     |          | 10  | 109         |     |
| Benzaldehyde                     | 500   |                                   | 110    | ug/L                        | 22  |          |     |          | 10  | 137         |     |
| Aniline                          | 500   |                                   | 130    | ug/L                        | 26  |          |     |          | 10  | 130         |     |
| Phenol                           | 500   |                                   | 390    | ug/L                        | 78  |          |     |          | 10  | 130         |     |
| bis(2-Chloroethyl)ether          | 500   |                                   | 460    | ug/L                        | 92  |          |     |          | 29  | 141         |     |
| 2-Chlorophenol                   | 500   |                                   | 460    | ug/L                        | 92  |          |     |          | 23  | 127         |     |
| 1,2-Dichlorobenzene              | 500   |                                   | 410    | ug/L                        | 82  |          |     |          | 61  | 114         |     |
| 1,3-Dichlorobenzene              | 500   |                                   | 390    | ug/L                        | 78  |          |     |          | 65  | 106         |     |
| 1,4-Dichlorobenzene              | 500   |                                   | 400    | ug/L                        | 80  |          |     |          | 55  | 125         |     |
| Benzyl Alcohol                   | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 31  | 94          |     |
| 2-Methylphenol                   | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 37  | 126         |     |
| 2,2-oxybis(1-Chloropropane)      | 500   |                                   | 460    | ug/L                        | 92  |          |     |          | 36  | 141         |     |
| Acetophenone                     | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 31  | 164         |     |
| 3+4-Methylphenols                | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 31  | 127         |     |
| N-Nitroso-di-n-propylamine       | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 36  | 147         |     |
| Hexachloroethane                 | 500   |                                   | 390    | ug/L                        | 78  |          |     |          | 49  | 110         |     |
| Nitrobenzene                     | 500   |                                   | 420    | ug/L                        | 84  |          |     |          | 62  | 112         |     |
| Isophorone                       | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 39  | 146         |     |
| 2-Nitrophenol                    | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 30  | 148         |     |
| 2,4-Dimethylphenol               | 500   |                                   | 590    | ug/L                        | 118 |          |     |          | 17  | 143         |     |
| bis(2-Chloroethoxy)methane       | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 39  | 143         |     |
| 2,4-Dichlorophenol               | 500   |                                   | 480    | ug/L                        | 96  |          |     |          | 22  | 146         |     |
| 1,2,4-Trichlorobenzene           | 500   |                                   | 420    | ug/L                        | 84  |          |     |          | 66  | 110         |     |
| Benzoic acid                     | 500   |                                   | 380    | ug/L                        | 76  |          |     |          | 10  | 101         |     |
| Naphthalene                      | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 17  | 157         |     |
| 4-Chloroaniline                  | 500   |                                   | 66.5   | ug/L                        | 13  |          |     |          | 10  | 95          |     |
| Hexachlorobutadiene              | 500   |                                   | 420    | ug/L                        | 84  |          |     |          | 52  | 125         |     |
| Caprolactam                      | 500   |                                   | 360    | ug/L                        | 72  |          |     |          | 10  | 130         |     |
| 4-Chloro-3-methylphenol          | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 17  | 148         |     |
| 2-Methylnaphthalene              | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 38  | 146         |     |
| Hexachlorocyclopentadiene        | 1000  |                                   | 1300   | ug/L                        | 130 |          |     |          | 20  | 153         |     |
| 2,4,6-Trichlorophenol            | 500   |                                   | 480    | ug/L                        | 96  |          |     |          | 78  | 112         |     |
| 2,4,5-Trichlorophenol            | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 71  | 111         |     |
| 1,1-Biphenyl                     | 500   |                                   | 480    | ug/L                        | 96  |          |     |          | 38  | 154         |     |
| 2-Chloronaphthalene              | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 41  | 145         |     |
| 2-Nitroaniline                   | 500   |                                   | 440    | ug/L                        | 88  |          |     |          | 39  | 151         |     |
| Dimethylphthalate                | 500   |                                   | 500    | ug/L                        | 100 |          |     |          | 42  | 147         |     |
| Acenaphthylene                   | 500   |                                   | 500    | ug/L                        | 100 |          |     |          | 40  | 141         |     |
| 2,6-Dinitrotoluene               | 500   |                                   | 450    | ug/L                        | 90  |          |     |          | 43  | 148         |     |
| 3-Nitroaniline                   | 500   |                                   | 67.1   | ug/L                        | 13  |          |     |          | 10  | 111         |     |
| Acenaphthene                     | 500   |                                   | 480    | ug/L                        | 96  |          |     |          | 37  | 146         |     |
| Total PAH                        | 8000  |                                   | 7330   | ug/L                        | 92  |          |     |          | 37  | 146         |     |
| 2,4-Dinitrophenol                | 1000  |                                   | 890    | ug/L                        | 89  |          |     |          | 14  | 167         |     |
| 4-Nitrophenol                    | 1000  |                                   | 520    | ug/L                        | 52  |          |     |          | 10  | 130         |     |
| Dibenzofuran                     | 500   |                                   | 470    | ug/L                        | 94  |          |     |          | 41  | 145         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 500   |               | 440    | ug/L  | 88  |          |     |          | 50  | 142         |     |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 1000  |               | 890    | ug/L  | 89  |          |     |          | 50  | 142         |     |
| Diethylphthalate                  | 500   |               | 480    | ug/L  | 96  |          |     |          | 41  | 148         |     |
| 4-Chlorophenyl-phenylether        | 500   |               | 480    | ug/L  | 96  |          |     |          | 38  | 149         |     |
| Fluorene                          | 500   |               | 470    | ug/L  | 94  |          |     |          | 39  | 144         |     |
| 4-Nitroaniline                    | 500   |               | 360    | ug/L  | 72  |          |     |          | 27  | 138         |     |
| 4,6-Dinitro-2-methylphenol        | 500   |               | 530    | ug/L  | 106 |          |     |          | 32  | 175         |     |
| N-Nitrosodiphenylamine            | 500   |               | 500    | ug/L  | 100 |          |     |          | 40  | 150         |     |
| Azobenzene                        | 500   |               | 470    | ug/L  | 94  |          |     |          | 72  | 112         |     |
| 4-Bromophenyl-phenylether         | 500   |               | 520    | ug/L  | 104 |          |     |          | 42  | 151         |     |
| Hexachlorobenzene                 | 500   |               | 490    | ug/L  | 98  |          |     |          | 72  | 115         |     |
| Atrazine                          | 500   |               | 460    | ug/L  | 92  |          |     |          | 20  | 162         |     |
| Pentachlorophenol                 | 1000  |               | 840    | ug/L  | 84  |          |     |          | 25  | 139         |     |
| Phenanthrene                      | 500   |               | 500    | ug/L  | 100 |          |     |          | 40  | 147         |     |
| Anthracene                        | 500   |               | 510    | ug/L  | 102 |          |     |          | 41  | 146         |     |
| Carbazole                         | 500   |               | 440    | ug/L  | 88  |          |     |          | 37  | 154         |     |
| Di-n-butylphthalate               | 500   |               | 530    | ug/L  | 106 |          |     |          | 40  | 151         |     |
| Fluoranthene                      | 500   |               | 440    | ug/L  | 88  |          |     |          | 42  | 146         |     |
| Benzidine                         | 1000  |               | 0      | ug/L  | 0   | *        |     |          | 10  | 130         |     |
| Pyrene                            | 500   |               | 410    | ug/L  | 82  |          |     |          | 41  | 149         |     |
| Butylbenzylphthalate              | 500   |               | 470    | ug/L  | 94  |          |     |          | 39  | 155         |     |
| 3,3-Dichlorobenzidine             | 500   |               | 110    | ug/L  | 22  |          |     |          | 10  | 114         |     |
| Benzo(a)anthracene                | 500   |               | 480    | ug/L  | 96  |          |     |          | 41  | 147         |     |
| Chrysene                          | 500   |               | 490    | ug/L  | 98  |          |     |          | 44  | 144         |     |
| bis(2-Ethylhexyl)phthalate        | 500   |               | 520    | ug/L  | 104 |          |     |          | 33  | 160         |     |
| Di-n-octyl phthalate              | 500   |               | 640    | ug/L  | 128 |          |     |          | 36  | 158         |     |
| Benzo(b)fluoranthene              | 500   |               | 490    | ug/L  | 98  |          |     |          | 40  | 150         |     |
| Benzo(k)fluoranthene              | 500   |               | 470    | ug/L  | 94  |          |     |          | 40  | 147         |     |
| Benzo(a)pyrene                    | 500   |               | 520    | ug/L  | 104 |          |     |          | 42  | 147         |     |
| Indeno(1,2,3-cd)pyrene            | 500   |               | 390    | ug/L  | 78  |          |     |          | 30  | 166         |     |
| Dibenz(a,h)anthracene             | 500   |               | 410    | ug/L  | 82  |          |     |          | 23  | 172         |     |
| Benzo(g,h,i)perylene              | 500   |               | 320    | ug/L  | 64  |          |     |          | 27  | 167         |     |
| 1,2,4,5-Tetrachlorobenzene        | 500   |               | 480    | ug/L  | 96  |          |     |          | 89  | 102         |     |
| 1,4-Dioxane                       | 500   |               | 380    | ug/L  | 76  |          |     |          | 38  | 130         |     |
| 2,3,4,6-Tetrachlorophenol         | 500   |               | 520    | ug/L  | 104 |          |     |          | 91  | 111         |     |
| 1-Methylnaphthalene               | 500   |               | 450    | ug/L  | 90  |          |     |          | 25  | 151         |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result                      | Result | Units | Rec | Rec Qual | RPD                         | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|------------------------------------|--------|-------|-----|----------|-----------------------------|----------|-----|-------------|-----|
| <b>Lab Sample ID: P5095-04MSD</b> |       | <b>Client Sample ID: MH-764MSD</b> |        |       |     |          | <b>DataFile: BF140770.D</b> |          |     |             |     |
| n-Nitrosodimethylamine            | 500   |                                    | 460    | ug/L  | 92  |          | 14                          |          | 10  | 130         | 20  |
| Pyridine                          | 500   |                                    | 370    | ug/L  | 74  |          | 24                          | *        | 10  | 109         | 20  |
| Benzaldehyde                      | 500   |                                    | 120    | ug/L  | 24  |          | 9                           |          | 10  | 137         | 20  |
| Aniline                           | 500   |                                    | 140    | ug/L  | 28  |          | 7                           |          | 10  | 130         | 20  |
| Phenol                            | 500   |                                    | 450    | ug/L  | 90  |          | 14                          |          | 10  | 130         | 20  |
| bis(2-Chloroethyl)ether           | 500   |                                    | 540    | ug/L  | 108 |          | 16                          |          | 29  | 141         | 20  |
| 2-Chlorophenol                    | 500   |                                    | 540    | ug/L  | 108 |          | 16                          |          | 23  | 127         | 20  |
| 1,2-Dichlorobenzene               | 500   |                                    | 470    | ug/L  | 94  |          | 14                          |          | 61  | 114         | 20  |
| 1,3-Dichlorobenzene               | 500   |                                    | 460    | ug/L  | 92  |          | 16                          |          | 65  | 106         | 20  |
| 1,4-Dichlorobenzene               | 500   |                                    | 460    | ug/L  | 92  |          | 14                          |          | 55  | 125         | 20  |
| Benzyl Alcohol                    | 500   |                                    | 520    | ug/L  | 104 | *        | 14                          |          | 31  | 94          | 20  |
| 2-Methylphenol                    | 500   |                                    | 510    | ug/L  | 102 |          | 13                          |          | 37  | 126         | 20  |
| 2,2-oxybis(1-Chloropropane)       | 500   |                                    | 530    | ug/L  | 106 |          | 14                          |          | 36  | 141         | 20  |
| Acetophenone                      | 500   |                                    | 530    | ug/L  | 106 |          | 16                          |          | 31  | 164         | 20  |
| 3+4-Methylphenols                 | 500   |                                    | 540    | ug/L  | 108 |          | 14                          |          | 31  | 127         | 20  |
| N-Nitroso-di-n-propylamine        | 500   |                                    | 550    | ug/L  | 110 |          | 16                          |          | 36  | 147         | 20  |
| Hexachloroethane                  | 500   |                                    | 450    | ug/L  | 90  |          | 14                          |          | 49  | 110         | 20  |
| Nitrobenzene                      | 500   |                                    | 490    | ug/L  | 98  |          | 15                          |          | 62  | 112         | 20  |
| Isophorone                        | 500   |                                    | 560    | ug/L  | 112 |          | 17                          |          | 39  | 146         | 20  |
| 2-Nitrophenol                     | 500   |                                    | 560    | ug/L  | 112 |          | 17                          |          | 30  | 148         | 20  |
| 2,4-Dimethylphenol                | 500   |                                    | 700    | ug/L  | 140 |          | 17                          |          | 17  | 143         | 20  |
| bis(2-Chloroethoxy)methane        | 500   |                                    | 550    | ug/L  | 110 |          | 16                          |          | 39  | 143         | 20  |
| 2,4-Dichlorophenol                | 500   |                                    | 560    | ug/L  | 112 |          | 15                          |          | 22  | 146         | 20  |
| 1,2,4-Trichlorobenzene            | 500   |                                    | 490    | ug/L  | 98  |          | 15                          |          | 66  | 110         | 20  |
| Benzoic acid                      | 500   |                                    | 450    | ug/L  | 90  |          | 17                          |          | 10  | 101         | 20  |
| Naphthalene                       | 500   |                                    | 520    | ug/L  | 104 |          | 14                          |          | 17  | 157         | 20  |
| 4-Chloroaniline                   | 500   |                                    | 70.1   | ug/L  | 14  |          | 7                           |          | 10  | 95          | 20  |
| Hexachlorobutadiene               | 500   |                                    | 490    | ug/L  | 98  |          | 15                          |          | 52  | 125         | 20  |
| Caprolactam                       | 500   |                                    | 440    | ug/L  | 88  |          | 20                          |          | 10  | 130         | 20  |
| 4-Chloro-3-methylphenol           | 500   |                                    | 540    | ug/L  | 108 |          | 18                          |          | 17  | 148         | 20  |
| 2-Methylnaphthalene               | 500   |                                    | 560    | ug/L  | 112 |          | 17                          |          | 38  | 146         | 20  |
| Hexachlorocyclopentadiene         | 1000  |                                    | 1500   | ug/L  | 150 |          | 14                          |          | 20  | 153         | 20  |
| 2,4,6-Trichlorophenol             | 500   |                                    | 550    | ug/L  | 110 |          | 14                          |          | 78  | 112         | 20  |
| 2,4,5-Trichlorophenol             | 500   |                                    | 530    | ug/L  | 106 |          | 16                          |          | 71  | 111         | 20  |
| 1,1-Biphenyl                      | 500   |                                    | 560    | ug/L  | 112 |          | 15                          |          | 38  | 154         | 20  |
| 2-Chloronaphthalene               | 500   |                                    | 530    | ug/L  | 106 |          | 12                          |          | 41  | 145         | 20  |
| 2-Nitroaniline                    | 500   |                                    | 500    | ug/L  | 100 |          | 13                          |          | 39  | 151         | 20  |
| Dimethylphthalate                 | 500   |                                    | 580    | ug/L  | 116 |          | 15                          |          | 42  | 147         | 20  |
| Acenaphthylene                    | 500   |                                    | 580    | ug/L  | 116 |          | 15                          |          | 40  | 141         | 20  |
| 2,6-Dinitrotoluene                | 500   |                                    | 520    | ug/L  | 104 |          | 14                          |          | 43  | 148         | 20  |
| 3-Nitroaniline                    | 500   |                                    | 66.1   | ug/L  | 13  |          | 0                           |          | 10  | 111         | 20  |
| Acenaphthene                      | 500   |                                    | 550    | ug/L  | 110 |          | 14                          |          | 37  | 146         | 20  |
| Total PAH                         | 8000  |                                    | 8500   | ug/L  | 106 |          | 14                          |          | 37  | 146         | 20  |
| 2,4-Dinitrophenol                 | 1000  |                                    | 1100   | ug/L  | 110 |          | 21                          | *        | 14  | 167         | 20  |
| 4-Nitrophenol                     | 1000  |                                    | 600    | ug/L  | 60  |          | 14                          |          | 10  | 130         | 20  |
| Dibenzofuran                      | 500   |                                    | 540    | ug/L  | 108 |          | 14                          |          | 41  | 145         | 20  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BF120624

**Client:** \_\_\_\_\_

**Analytical Method:** 8270E

| Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 2,4-Dinitrotoluene                | 500   |               | 510    | ug/L  | 102 |          | 15  |          | 50  | 142         | 20  |
| 2,4-Dinitrotoluene/2,6-Dinitrotol | 1000  |               | 1030   | ug/L  | 103 |          | 15  |          | 50  | 142         | 20  |
| Diethylphthalate                  | 500   |               | 550    | ug/L  | 110 |          | 14  |          | 41  | 148         | 20  |
| 4-Chlorophenyl-phenylether        | 500   |               | 550    | ug/L  | 110 |          | 14  |          | 38  | 149         | 20  |
| Fluorene                          | 500   |               | 540    | ug/L  | 108 |          | 14  |          | 39  | 144         | 20  |
| 4-Nitroaniline                    | 500   |               | 410    | ug/L  | 82  |          | 13  |          | 27  | 138         | 20  |
| 4,6-Dinitro-2-methylphenol        | 500   |               | 640    | ug/L  | 128 |          | 19  |          | 32  | 175         | 20  |
| N-Nitrosodiphenylamine            | 500   |               | 580    | ug/L  | 116 |          | 15  |          | 40  | 150         | 20  |
| Azobenzene                        | 500   |               | 540    | ug/L  | 108 |          | 14  |          | 72  | 112         | 20  |
| 4-Bromophenyl-phenylether         | 500   |               | 610    | ug/L  | 122 |          | 16  |          | 42  | 151         | 20  |
| Hexachlorobenzene                 | 500   |               | 580    | ug/L  | 116 | *        | 17  |          | 72  | 115         | 20  |
| Atrazine                          | 500   |               | 520    | ug/L  | 104 |          | 12  |          | 20  | 162         | 20  |
| Pentachlorophenol                 | 1000  |               | 950    | ug/L  | 95  |          | 12  |          | 25  | 139         | 20  |
| Phenanthrene                      | 500   |               | 570    | ug/L  | 114 |          | 13  |          | 40  | 147         | 20  |
| Anthracene                        | 500   |               | 590    | ug/L  | 118 |          | 15  |          | 41  | 146         | 20  |
| Carbazole                         | 500   |               | 500    | ug/L  | 100 |          | 13  |          | 37  | 154         | 20  |
| Di-n-butylphthalate               | 500   |               | 610    | ug/L  | 122 |          | 14  |          | 40  | 151         | 20  |
| Fluoranthene                      | 500   |               | 500    | ug/L  | 100 |          | 13  |          | 42  | 146         | 20  |
| Benzidine                         | 1000  |               | 0      | ug/L  | 0   | *        |     |          | 10  | 130         | 20  |
| Pyrene                            | 500   |               | 480    | ug/L  | 96  |          | 16  |          | 41  | 149         | 20  |
| Butylbenzylphthalate              | 500   |               | 550    | ug/L  | 110 |          | 16  |          | 39  | 155         | 20  |
| 3,3-Dichlorobenzidine             | 500   |               | 120    | ug/L  | 24  |          | 9   |          | 10  | 114         | 20  |
| Benzo(a)anthracene                | 500   |               | 580    | ug/L  | 116 |          | 19  |          | 41  | 147         | 20  |
| Chrysene                          | 500   |               | 550    | ug/L  | 110 |          | 12  |          | 44  | 144         | 20  |
| bis(2-Ethylhexyl)phthalate        | 500   |               | 610    | ug/L  | 122 |          | 16  |          | 33  | 160         | 20  |
| Di-n-octyl phthalate              | 500   |               | 740    | ug/L  | 148 |          | 14  |          | 36  | 158         | 20  |
| Benzo(b)fluoranthene              | 500   |               | 530    | ug/L  | 106 |          | 8   |          | 40  | 150         | 20  |
| Benzo(k)fluoranthene              | 500   |               | 600    | ug/L  | 120 |          | 24  | *        | 40  | 147         | 20  |
| Benzo(a)pyrene                    | 500   |               | 610    | ug/L  | 122 |          | 16  |          | 42  | 147         | 20  |
| Indeno(1,2,3-cd)pyrene            | 500   |               | 460    | ug/L  | 92  |          | 16  |          | 30  | 166         | 20  |
| Dibenz(a,h)anthracene             | 500   |               | 470    | ug/L  | 94  |          | 14  |          | 23  | 172         | 20  |
| Benzo(g,h,i)perylene              | 500   |               | 370    | ug/L  | 74  |          | 14  |          | 27  | 167         | 20  |
| 1,2,4,5-Tetrachlorobenzene        | 500   |               | 540    | ug/L  | 108 | *        | 12  |          | 89  | 102         | 20  |
| 1,4-Dioxane                       | 500   |               | 430    | ug/L  | 86  |          | 12  |          | 38  | 130         | 20  |
| 2,3,4,6-Tetrachlorophenol         | 500   |               | 560    | ug/L  | 112 | *        | 7   |          | 91  | 111         | 20  |
| 1-Methylnaphthalene               | 500   |               | 530    | ug/L  | 106 |          | 16  |          | 25  | 151         | 20  |

## Surrogate Summary

SW-846

SDG No.: **BF120624**

Client: \_\_\_\_\_

Analytical Method: **8270E**

| Lab Sample ID | Client ID    | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |              |            |                      |                |                 |              |      | Low        | High |
| P5096-01DL    | MH-BDL       | BF140776.D | 2-Fluorophenol       | 150            | 92.61           | 62           |      | 18         | 112  |
|               |              |            | Phenol-d6            | 150            | 93.47           | 62           |      | 15         | 107  |
|               |              |            | Nitrobenzene-d5      | 100            | 73.26           | 73           |      | 18         | 107  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 66.38           | 66           |      | 20         | 109  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 77.77           | 52           |      | 10         | 116  |
|               |              |            | Terphenyl-d14        | 100            | 47.29           | 47           |      | 10         | 105  |
| P5108-01      | ASPHALT-COMP | BF140777.D | 2-Fluorophenol       | 150            | 90.26           | 60           |      | 18         | 112  |
|               |              |            | Phenol-d6            | 150            | 87.47           | 58           |      | 15         | 107  |
|               |              |            | Nitrobenzene-d5      | 100            | 60.11           | 60           |      | 18         | 107  |
|               |              |            | 2-Fluorobiphenyl     | 100            | 68.83           | 69           |      | 20         | 109  |
|               |              |            | 2,4,6-Tribromophenol | 150            | 72.66           | 48           |      | 10         | 116  |
|               |              |            | Terphenyl-d14        | 100            | 50.83           | 51           |      | 10         | 105  |

## Surrogate Summary

SW-846

SDG No.: **BF120624**

Client: \_\_\_\_\_

Analytical Method: **8270E**

| Lab Sample ID | Client ID                 | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|---------------------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                           |            |                      |                |                 |              |      | Low        | High |
| P5112-01      | 10TH-ST-SOIL              | BF140779.D | 2-Fluorophenol       | 150            | 143.92          | 96           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 136.75          | 91           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 97.01           | 97           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 104.05          | 104          |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 121.90          | 81           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 78.34           | 78           |      | 10         | 105  |
| P5112-01MS    | 10TH-ST-SOILMS            | BF140780.D | 2-Fluorophenol       | 150            | 117.26          | 78           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 114.18          | 76           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 79.01           | 79           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 84.00           | 84           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 109.56          | 73           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 66.99           | 67           |      | 10         | 105  |
| P5112-01MSD   | 10TH-ST-SOILMSIBF140781.D |            | 2-Fluorophenol       | 150            | 118.01          | 79           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 112.46          | 75           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 80.18           | 80           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 85.64           | 86           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 107.32          | 72           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 66.10           | 66           |      | 10         | 105  |
| P5133-01      | MOO-24-00374              | BF140763.D | 2-Fluorophenol       | 150            | 49.68           | 33           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 45.68           | 30           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 44.62           | 45           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 30.97           | 31           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 37.31           | 25           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 27.58           | 28           |      | 10         | 105  |
| P5136-01      | COMP-1                    | BF140778.D | 2-Fluorophenol       | 150            | 103.03          | 69           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 99.23           | 66           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 69.65           | 70           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 77.67           | 78           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 86.49           | 58           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 56.20           | 56           |      | 10         | 105  |
| P5137-01      | LAW-OILY-STONIBF140764.D  |            | 2-Fluorophenol       | 150            | 149.00          | 99           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 144.57          | 96           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 102.70          | 103          |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 112.23          | 112          | *    | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 135.36          | 90           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 91.58           | 92           |      | 10         | 105  |
| PB165423BL    | PB165423BL                | BF140761.D | 2-Fluorophenol       | 150            | 142.34          | 95           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 138.34          | 92           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 92.73           | 93           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 97.31           | 97           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 152.10          | 101          |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 82.43           | 82           |      | 10         | 105  |
| PB165423BS    | PB165423BS                | BF140762.D | 2-Fluorophenol       | 150            | 138.30          | 92           |      | 18         | 112  |
|               |                           |            | Phenol-d6            | 150            | 136.27          | 91           |      | 15         | 107  |
|               |                           |            | Nitrobenzene-d5      | 100            | 92.28           | 92           |      | 18         | 107  |
|               |                           |            | 2-Fluorobiphenyl     | 100            | 95.88           | 96           |      | 20         | 109  |
|               |                           |            | 2,4,6-Tribromophenol | 150            | 147.71          | 98           |      | 10         | 116  |
|               |                           |            | Terphenyl-d14        | 100            | 96.03           | 96           |      | 10         | 105  |

## Surrogate Summary

SW-846

SDG No.: **BF120624**

Client: \_\_\_\_\_

Analytical Method: **8270E**

| Lab Sample ID | Client ID                   | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                             |            |                      |                |                 |              |      | Low        | High |
| P5093-01      | LL-001                      | BF140765.D | 2-Fluorophenol       | 150            | 89.82           | 60           |      | 10         | 139  |
|               |                             |            | Phenol-d6            | 150            | 60.86           | 41           |      | 10         | 134  |
|               |                             |            | Nitrobenzene-d5      | 100            | 95.03           | 95           |      | 49         | 133  |
|               |                             |            | 2-Fluorobiphenyl     | 100            | 97.53           | 98           |      | 52         | 132  |
|               |                             |            | 2,4,6-Tribromophenol | 150            | 129.95          | 87           |      | 44         | 137  |
|               |                             |            | Terphenyl-d14        | 100            | 75.67           | 76           |      | 48         | 125  |
| P5093-02      | LL-001-FB-12-4-24BF140766.D |            | 2-Fluorophenol       | 150            | 101.31          | 68           |      | 10         | 139  |
|               |                             |            | Phenol-d6            | 150            | 65.02           | 43           |      | 10         | 134  |
|               |                             |            | Nitrobenzene-d5      | 100            | 105.36          | 105          |      | 49         | 133  |
|               |                             |            | 2-Fluorobiphenyl     | 100            | 109.10          | 109          |      | 52         | 132  |
|               |                             |            | 2,4,6-Tribromophenol | 150            | 142.20          | 95           |      | 44         | 137  |
|               |                             |            | Terphenyl-d14        | 100            | 103.37          | 103          |      | 48         | 125  |
| P5145-01      | 286085                      | BF140767.D | 2-Fluorophenol       | 150            | 48.83           | 33           |      | 10         | 139  |
|               |                             |            | Phenol-d6            | 150            | 30.64           | 20           |      | 10         | 134  |
|               |                             |            | Nitrobenzene-d5      | 100            | 65.95           | 66           |      | 49         | 133  |
|               |                             |            | 2-Fluorobiphenyl     | 100            | 69.81           | 70           |      | 52         | 132  |
|               |                             |            | 2,4,6-Tribromophenol | 150            | 83.29           | 56           |      | 44         | 137  |
|               |                             |            | Terphenyl-d14        | 100            | 48.34           | 48           |      | 48         | 125  |

## Surrogate Summary

SW-846

SDG No.: **BF120624**

Client: \_\_\_\_\_

Analytical Method: **8270E**

| Lab Sample ID | Client ID      | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |                |            |                      |                |                 |              |      | Low        | High |
| P5095-04      | MH-764         | BF140768.D | 2-Fluorophenol       | 150            | 154.56          | 103          |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 146.96          | 98           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 103.94          | 104          |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 105.01          | 105          |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 153.39          | 102          |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 88.20           | 88           |      | 48         | 125  |
| P5095-04MS    | MH-764MS       | BF140769.D | 2-Fluorophenol       | 150            | 126.05          | 84           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 113.95          | 76           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 91.54           | 92           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 98.11           | 98           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 137.40          | 92           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 88.34           | 88           |      | 48         | 125  |
| P5095-04MSD   | MH-764MSD      | BF140770.D | 2-Fluorophenol       | 150            | 145.27          | 97           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 133.02          | 89           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 106.19          | 106          |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 111.56          | 112          |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 155.99          | 104          |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 104.04          | 104          |      | 48         | 125  |
| P5096-04      | MH-B           | BF140771.D | 2-Fluorophenol       | 150            | 155.10          | 103          |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 145.46          | 97           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 103.34          | 103          |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 105.72          | 106          |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 157.79          | 105          |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 100.22          | 100          |      | 48         | 125  |
| P5096-08      | MH-A           | BF140772.D | 2-Fluorophenol       | 150            | 144.32          | 96           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 138.54          | 92           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 91.50           | 92           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 103.40          | 103          |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 148.20          | 99           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 92.88           | 93           |      | 48         | 125  |
| P5117-02      | TAPIAL2-IDW-SO | BF140773.D | 2-Fluorophenol       | 150            | 127.57          | 85           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 116.77          | 78           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 89.67           | 90           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 92.96           | 93           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 130.03          | 87           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 85.34           | 85           |      | 48         | 125  |
| P5133-02      | MOO-24-00374   | BF140774.D | 2-Fluorophenol       | 150            | 134.54          | 90           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 122.20          | 81           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 94.50           | 94           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 98.59           | 99           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 144.61          | 96           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 87.00           | 87           |      | 48         | 125  |
| P5136-02      | COMP-1         | BF140775.D | 2-Fluorophenol       | 150            | 144.06          | 96           |      | 10         | 139  |
|               |                |            | Phenol-d6            | 150            | 138.86          | 93           |      | 10         | 134  |
|               |                |            | Nitrobenzene-d5      | 100            | 95.44           | 95           |      | 49         | 133  |
|               |                |            | 2-Fluorobiphenyl     | 100            | 91.80           | 92           |      | 52         | 132  |
|               |                |            | 2,4,6-Tribromophenol | 150            | 140.42          | 94           |      | 44         | 137  |
|               |                |            | Terphenyl-d14        | 100            | 100.41          | 100          |      | 48         | 125  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120624

Lab Code: CHEM

SAS No.: BF120624

SDG NO.: BF120624

Lab File ID: BF140759.D

DFTPP Injection Date: 12/06/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 11:41

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 33.8                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 36.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 48.7                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.5                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.8                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 15.7                 |
| 442 | Greater than 50% of mass 198       | 99.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 18.9 ( 19 ) 2        |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO.             | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040                    | SSTDCCC040       | BF140760.D     | 12/06/2024       | 12:08            |
| PB165423BL                    | PB165423BL       | BF140761.D     | 12/06/2024       | 12:51            |
| PB165423BS                    | PB165423BS       | BF140762.D     | 12/06/2024       | 13:16            |
| MOO-24-00374                  | P5133-01         | BF140763.D     | 12/06/2024       | 13:48            |
| LAW-OILY-STONES               | P5137-01         | BF140764.D     | 12/06/2024       | 14:14            |
| LL-001                        | P5093-01         | BF140765.D     | 12/06/2024       | 14:40            |
| LL-001-FB-12-4-24             | P5093-02         | BF140766.D     | 12/06/2024       | 15:06            |
| 286085                        | P5145-01         | BF140767.D     | 12/06/2024       | 15:32            |
| MH-764                        | P5095-04         | BF140768.D     | 12/06/2024       | 15:58            |
| MH-764MS                      | P5095-04MS       | BF140769.D     | 12/06/2024       | 16:24            |
| MH-764MSD                     | P5095-04MSD      | BF140770.D     | 12/06/2024       | 16:50            |
| MH-B                          | P5096-04         | BF140771.D     | 12/06/2024       | 17:16            |
| MH-A                          | P5096-08         | BF140772.D     | 12/06/2024       | 17:42            |
| TAPIAL2-IDW-SOIL-120424-00-T2 | P5117-02         | BF140773.D     | 12/06/2024       | 18:08            |
| MOO-24-00374                  | P5133-02         | BF140774.D     | 12/06/2024       | 18:34            |
| COMP-1                        | P5136-02         | BF140775.D     | 12/06/2024       | 19:00            |
| MH-BDL                        | P5096-01DL       | BF140776.D     | 12/06/2024       | 19:26            |
| ASPHALT-COMP                  | P5108-01         | BF140777.D     | 12/06/2024       | 19:52            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120624

Lab Code: CHEM

SAS No.: BF120624 SDG NO.: BF120624

Lab File ID: BF140759.D

DFTPP Injection Date: 12/06/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 11:41

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 33.8                 |
| 68  | Less than 2.0% of mass 69          | 0.6 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 36.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 48.7                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.5                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.8                 |
| 365 | Greater than 1% of mass 198        | 3.5                  |
| 441 | Present, but less than mass 443    | 15.7                 |
| 442 | Greater than 50% of mass 198       | 99.8                 |
| 443 | 15.0 - 24.0% of mass 442           | 18.9 ( 19 ) 2        |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| COMP-1            | P5136-01         | BF140778.D     | 12/06/2024       | 20:18            |
| 10TH-ST-SOIL      | P5112-01         | BF140779.D     | 12/06/2024       | 20:44            |
| 10TH-ST-SOILMS    | P5112-01MS       | BF140780.D     | 12/06/2024       | 21:10            |
| 10TH-ST-SOILMSD   | P5112-01MSD      | BF140781.D     | 12/06/2024       | 21:36            |