

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG No.: BF052024

Instrument ID: BNA\_F Calibration Date/Time: 5/20/2024 1:08:57

Lab File ID: BF137948.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 RRF | %D     | MAX%D |
|-----------------------------|-------|--------|---------|--------|-------|
| n-Nitrosodimethylamine      | 0.505 | 0.484  |         | -4.158 |       |
| Pyridine                    | 1.144 | 1.160  |         | 1.399  |       |
| 2-Fluorophenol              | 1.177 | 1.136  |         | -3.483 |       |
| Benzaldehyde                | 0.785 | 0.776  |         | -1.146 |       |
| Aniline                     | 1.297 | 1.291  |         | -0.463 |       |
| Phenol-d6                   | 1.450 | 1.375  |         | -5.172 |       |
| Phenol                      | 1.464 | 1.417  |         | -3.21  | 20.0  |
| bis(2-Chloroethyl) ether    | 1.124 | 1.066  |         | -5.16  |       |
| 2-Chlorophenol              | 1.274 | 1.234  |         | -3.14  |       |
| 1,2-Dichlorobenzene         | 1.393 | 1.328  |         | -4.666 |       |
| 1,3-Dichlorobenzene         | 1.474 | 1.423  |         | -3.46  |       |
| 1,4-Dichlorobenzene         | 1.480 | 1.433  |         | -3.176 | 20.0  |
| Benzyl Alcohol              | 1.005 | 0.978  |         | -2.687 |       |
| 2-Methylphenol              | 1.016 | 0.975  |         | -4.035 |       |
| 2,2-oxybis(1-Chloropropane) | 1.382 | 1.345  |         | -2.677 |       |
| Acetophenone                | 0.448 | 0.429  |         | -4.241 |       |
| 3+4-Methylphenols           | 1.331 | 1.251  |         | -6.011 |       |
| n-Nitroso-di-n-propylamine  | 0.815 | 0.764  | 0.050   | -6.258 |       |
| Nitrobenzene-d5             | 0.340 | 0.327  |         | -3.824 |       |
| Hexachloroethane            | 0.501 | 0.484  |         | -3.393 |       |
| Nitrobenzene                | 0.345 | 0.333  |         | -3.478 |       |
| Isophorone                  | 0.590 | 0.564  |         | -4.407 |       |
| 2-Nitrophenol               | 0.173 | 0.173  |         | 0.0    | 20.0  |
| 2,4-Dimethylphenol          | 0.223 | 0.216  |         | -3.139 |       |
| bis(2-Chloroethoxy) methane | 0.357 | 0.347  |         | -2.801 |       |
| 2,4-Dichlorophenol          | 0.280 | 0.273  |         | -2.5   | 20.0  |
| 1,2,4-Trichlorobenzene      | 0.313 | 0.306  |         | -2.236 |       |
| Benzoic acid                | 0.189 | 0.185  |         | -2.116 |       |
| Naphthalene                 | 1.006 | 0.966  |         | -3.976 |       |
| 4-Chloroaniline             | 0.330 | 0.320  |         | -3.03  |       |
| Hexachlorobutadiene         | 0.198 | 0.196  |         | -1.01  | 20.0  |
| Caprolactam                 | 0.081 | 0.073  |         | -9.877 |       |
| 4-Chloro-3-methylphenol     | 0.285 | 0.270  |         | -5.263 | 20.0  |
| 2-Methylnaphthalene         | 0.646 | 0.609  |         | -5.728 |       |
| Hexachlorocyclopentadiene   | 0.207 | 0.218  | 0.050   | 5.314  |       |
| 2,4,6-Trichlorophenol       | 0.357 | 0.358  |         | 0.28   | 20.0  |
| 2-Fluorobiphenyl            | 1.298 | 1.277  |         | -1.618 |       |
| 2,4,5-Trichlorophenol       | 0.390 | 0.391  |         | 0.256  |       |
| 1,1-Biphenyl                | 1.403 | 1.406  |         | 0.214  |       |

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Instrument ID: BNA\_F Calibration Date/Time: 5/20/2024 1:08:57

Lab File ID: BF137948.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 RRF | %D     | MAX%D |
|----------------------------|-------|--------|---------|--------|-------|
| 2-Chloronaphthalene        | 1.120 | 1.113  |         | -0.625 |       |
| 2-Nitroaniline             | 0.287 | 0.274  |         | -4.53  |       |
| Dimethylphthalate          | 1.254 | 1.190  |         | -5.104 |       |
| Acenaphthylene             | 1.610 | 1.573  |         | -2.298 |       |
| 2,6-Dinitrotoluene         | 0.288 | 0.281  |         | -2.431 |       |
| 3-Nitroaniline             | 0.281 | 0.262  |         | -6.762 |       |
| Acenaphthene               | 1.064 | 1.033  |         | -2.914 | 20.0  |
| 2,4-Dinitrophenol          | 0.129 | 0.124  | 0.050   | -3.876 |       |
| 4-Nitrophenol              | 0.202 | 0.194  | 0.050   | -3.96  |       |
| Dibenzofuran               | 1.549 | 1.489  |         | -3.873 |       |
| 2,4-Dinitrotoluene         | 0.372 | 0.348  |         | -6.452 |       |
| Diethylphthalate           | 1.171 | 1.113  |         | -4.953 |       |
| 4-Chlorophenyl-phenylether | 0.604 | 0.579  |         | -4.139 |       |
| Fluorene                   | 1.225 | 1.163  |         | -5.061 |       |
| 4-Nitroaniline             | 0.267 | 0.245  |         | -8.24  |       |
| 4,6-Dinitro-2-methylphenol | 0.115 | 0.113  |         | -1.739 |       |
| n-Nitrosodiphenylamine     | 0.613 | 0.612  |         | -0.163 | 20.0  |
| Azobenzene                 | 1.065 | 1.021  |         | -4.131 |       |
| 2,4,6-Tribromophenol       | 0.202 | 0.189  |         | -6.436 |       |
| 4-Bromophenyl-phenylether  | 0.219 | 0.223  |         | 1.826  |       |
| Hexachlorobenzene          | 0.242 | 0.242  |         | 0.0    |       |
| Atrazine                   | 0.167 | 0.155  |         | -7.186 |       |
| Pentachlorophenol          | 0.142 | 0.148  |         | 4.225  | 20.0  |
| Phenanthrene               | 0.986 | 0.940  |         | -4.665 |       |
| Anthracene                 | 0.978 | 0.937  |         | -4.192 |       |
| Carbazole                  | 0.893 | 0.829  |         | -7.167 |       |
| Di-n-butylphthalate        | 0.991 | 0.943  |         | -4.844 |       |
| Fluoranthene               | 1.000 | 0.908  |         | -9.2   | 20.0  |
| Benzidine                  | 0.261 | 0.379  |         | 45.211 |       |
| Pyrene                     | 1.749 | 1.616  |         | -7.604 |       |
| Terphenyl-d14              | 1.357 | 1.248  |         | -8.032 |       |
| Butylbenzylphthalate       | 0.528 | 0.514  |         | -2.652 |       |
| 3,3-Dichlorobenzidine      | 0.351 | 0.394  |         | 12.251 |       |
| Benzo(a)anthracene         | 1.265 | 1.228  |         | -2.925 |       |
| Chrysene                   | 1.210 | 1.174  |         | -2.975 |       |
| Bis(2-ethylhexyl)phthalate | 0.663 | 0.705  |         | 6.335  |       |
| Di-n-octyl phthalate       | 0.896 | 1.119  |         | 24.888 | 20.0  |
| Benzo(b)fluoranthene       | 1.158 | 1.080  |         | -6.736 |       |
| Benzo(k)fluoranthene       | 1.138 | 1.057  |         | -7.118 |       |

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 Instrument ID: BNA\_F Calibration Date/Time: 5/20/2024 1:08:57  
 Lab File ID: BF137948.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             | 0.989 | 0.968  |            | -2.123 | 20.0  |
| Indeno(1,2,3-cd)pyrene     | 1.285 | 1.395  |            | 8.56   |       |
| Dibenzo(a,h)anthracene     | 1.062 | 1.145  |            | 7.815  |       |
| Benzo(g,h,i)perylene       | 1.115 | 1.222  |            | 9.596  |       |
| 1,2,4,5-Tetrachlorobenzene | 0.544 | 0.547  |            | 0.551  |       |
| 1,4-Dioxane                | 0.510 | 0.499  |            | -2.157 | 20.0  |
| 2,3,4,6-Tetrachlorophenol  | 0.306 | 0.293  |            | -4.248 |       |
| 1-Methylnaphthalene        | 0.635 | 0.597  |            | -5.984 |       |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BL | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BL | 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 |
| BF137949.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/17/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BL             | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BL             | 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 |
| BF137949.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/17/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BL             | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BL             | 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 |
| BF137949.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 128.692 |           | 10-139 |     | 86         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 124.555 |           | 10-134 |     | 83         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 87.056  |           | 49-133 |     | 87         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 88.266  |           | 52-132 |     | 88         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BL             | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BL             | 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 |
| BF137949.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                            | Parameter                       | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|---------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol            | 128.164 |           | 32-145 |     | 85         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                   | 90.759  |           | 36-145 |     | 91         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                 |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4          | 136015  | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                  | 508265  | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                | 279837  | 10.081    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                | 457597  | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                    | 250996  | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                    | 252942  | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                 |         |           |        |     |            |           |
|                                       | unknown2.116                    | 140     | J         |        |     | 2.116      |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-     | 3.1     | J         |        |     | 2.463      |           |
| 006311-48-4                           | (1,1-Biphenyl)-4,4-diamine, N,N | 2.1     | J         |        |     | 18.215     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BS | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BS | 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 |
| BF137950.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 44.7  |           | 1    | 8   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 40    |           | 1.6  | 4   | 5          | ug/L  |
| 100-52-7       | Benzaldehyde                | 60.9  |           | 4    | 8   | 10         | ug/L  |
| 62-53-3        | Aniline                     | 32.5  |           | 1.6  | 4   | 5          | ug/L  |
| 108-95-2       | Phenol                      | 43.3  |           | 0.93 | 4   | 5          | ug/L  |
| 111-44-4       | bis(2-Chloroethyl)ether     | 45.3  |           | 1.2  | 4   | 5          | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 45    |           | 0.71 | 4   | 5          | ug/L  |
| 95-50-1        | 1,2-Dichlorobenzene         | 44.1  |           | 0.88 | 4   | 5          | ug/L  |
| 541-73-1       | 1,3-Dichlorobenzene         | 42.5  |           | 0.8  | 4   | 5          | ug/L  |
| 106-46-7       | 1,4-Dichlorobenzene         | 42.7  |           | 0.84 | 4   | 5          | ug/L  |
| 100-51-6       | Benzyl Alcohol              | 46.5  |           | 1.6  | 8   | 10         | ug/L  |
| 95-48-7        | 2-Methylphenol              | 43.2  |           | 1.1  | 4   | 5          | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 46.3  |           | 1.4  | 4   | 5          | ug/L  |
| 98-86-2        | Acetophenone                | 45.2  |           | 1.1  | 4   | 5          | ug/L  |
| 65794-96-9     | 3+4-Methylphenols           | 42.1  |           | 1.2  | 8   | 10         | ug/L  |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 44.4  |           | 1.5  | 2.5 | 2.5        | ug/L  |
| 67-72-1        | Hexachloroethane            | 43.6  |           | 1    | 4   | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 42.3  |           | 1.3  | 4   | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 44.6  |           | 1.1  | 4   | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 46.3  |           | 2    | 4   | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 48    |           | 1.5  | 4   | 5          | ug/L  |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 44.6  |           | 1    | 4   | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 44    |           | 0.88 | 4   | 5          | ug/L  |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 43.6  |           | 1.1  | 4   | 5          | ug/L  |
| 65-85-0        | Benzoic acid                | 43.7  |           | 5.5  | 8   | 10         | ug/L  |
| 91-20-3        | Naphthalene                 | 43.6  |           | 1    | 4   | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 15.7  |           | 1.3  | 4   | 5          | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 42.8  |           | 1.3  | 4   | 5          | ug/L  |



## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BS             | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BS             | 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 |
| BF137950.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 41.4  |           | 1.7   | 8   | 10         | ug/L  |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 42    |           | 0.84  | 4   | 5          | ug/L  |
| 91-57-6    | 2-Methylnaphthalene                             | 43.6  |           | 1.1   | 4   | 5          | ug/L  |
| 77-47-4    | Hexachlorocyclopentadiene                       | 140   | E         | 5     | 8   | 10         | ug/L  |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 47.4  |           | 0.89  | 4   | 5          | ug/L  |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 45.7  |           | 1     | 4   | 5          | ug/L  |
| 92-52-4    | 1,1-Biphenyl                                    | 47.6  |           | 0.91  | 4   | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene                             | 46.3  |           | 0.97  | 4   | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline                                  | 44.4  |           | 1.4   | 4   | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate                               | 44.8  |           | 0.93  | 4   | 5          | ug/L  |
| 208-96-8   | Acenaphthylene                                  | 48.6  |           | 1     | 4   | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene                              | 43.3  |           | 1.2   | 4   | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline                                  | 27.8  |           | 1.4   | 4   | 5          | ug/L  |
| 83-32-9    | Acenaphthene                                    | 48.7  |           | 0.81  | 4   | 5          | ug/L  |
| Total PAH  | Total PAH                                       | 768.5 |           | 17.36 | 4   | 80         | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol                               | 78.8  |           | 6.4   | 8   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol                                   | 89.5  | E         | 2     | 8   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran                                    | 45.3  |           | 0.93  | 4   | 5          | ug/L  |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 86.1  |           | 2.7   | 4   | 10         | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene                              | 42.8  |           | 1.5   | 4   | 5          | ug/L  |
| 84-66-2    | Diethylphthalate                                | 43.4  |           | 1     | 4   | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 44.7  |           | 0.98  | 4   | 5          | ug/L  |
| 86-73-7    | Fluorene                                        | 43.6  |           | 0.96  | 4   | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline                                  | 38.8  |           | 2     | 4   | 5          | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 49.5  |           | 3.1   | 8   | 10         | ug/L  |
| 86-30-6    | n-Nitrosodiphenylamine                          | 49.3  |           | 0.89  | 4   | 5          | ug/L  |
| 103-33-3   | Azobenzene                                      | 45    |           | 1.2   | 4   | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 49.6  |           | 0.95  | 4   | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene                               | 47.8  |           | 1.1   | 4   | 5          | ug/L  |
| 1912-24-9  | Atrazine                                        | 54.9  |           | 1.3   | 4   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BS | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BS | 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 |
| BF137950.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number        | Parameter                  | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|---------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 92.5    | E         | 1.9    | 8   | 10         | ug/L      |
| 85-01-8           | Phenanthrene               | 47.1    |           | 0.89   | 4   | 5          | ug/L      |
| 120-12-7          | Anthracene                 | 47.5    |           | 1.1    | 4   | 5          | ug/L      |
| 86-74-8           | Carbazole                  | 44.8    |           | 1.2    | 4   | 5          | ug/L      |
| 84-74-2           | Di-n-butylphthalate        | 46.5    |           | 1.5    | 4   | 5          | ug/L      |
| 206-44-0          | Fluoranthene               | 43.3    |           | 1.3    | 4   | 5          | ug/L      |
| 92-87-5           | Benzidine                  | 28      |           | 4.1    | 8   | 10         | ug/L      |
| 129-00-0          | Pyrene                     | 42.5    |           | 1.1    | 4   | 5          | ug/L      |
| 85-68-7           | Butylbenzylphthalate       | 47.5    |           | 2.1    | 4   | 5          | ug/L      |
| 91-94-1           | 3,3-Dichlorobenzidine      | 38.4    |           | 1.3    | 8   | 10         | ug/L      |
| 56-55-3           | Benzo(a)anthracene         | 48.5    |           | 0.94   | 4   | 5          | ug/L      |
| 218-01-9          | Chrysene                   | 47.7    |           | 0.86   | 4   | 5          | ug/L      |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 52.8    |           | 1.9    | 4   | 5          | ug/L      |
| 117-84-0          | Di-n-octyl phthalate       | 64.7    |           | 2.5    | 8   | 10         | ug/L      |
| 205-99-2          | Benzo(b)fluoranthene       | 45.5    |           | 1.1    | 4   | 5          | ug/L      |
| 207-08-9          | Benzo(k)fluoranthene       | 46.8    |           | 1.2    | 4   | 5          | ug/L      |
| 50-32-8           | Benzo(a)pyrene             | 50.9    |           | 1.7    | 4   | 5          | ug/L      |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 56.2    |           | 1      | 4   | 5          | ug/L      |
| 53-70-3           | Dibenzo(a,h)anthracene     | 55.7    |           | 1.2    | 4   | 5          | ug/L      |
| 191-24-2          | Benzo(g,h,i)perylene       | 52.3    |           | 1.2    | 4   | 5          | ug/L      |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 48.6    |           | 1.1    | 4   | 5          | ug/L      |
| 123-91-1          | 1,4-Dioxane                | 37.5    |           | 1.3    | 4   | 5          | ug/L      |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 44.4    |           | 0.79   | 4   | 5          | ug/L      |
| 90-12-0           | 1-Methylnaphthalene        | 40.7    |           | 0.86   | 4   | 5          | ug/L      |
| <b>SURROGATES</b> |                            |         |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 123.226 |           | 10-139 |     | 82         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 118.969 |           | 10-134 |     | 79         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 82.972  |           | 49-133 |     | 83         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 88.878  |           | 52-132 |     | 89         | SPK: -100 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160983BS             | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160983BS             | 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 |
| BF137950.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 125.646 |           | 32-145 |     | 84         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 81.152  |           | 36-145 |     | 81         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 134906  | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 508614  | 8.328     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 258039  | 10.086    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 382365  | 11.58     |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 226737  | 14.227    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 261502  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160935TB | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160935TB | 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 |
| BF137951.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/17/2024 12:00:00 AM |
| Project:           |               | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160935TB    | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160935TB    | 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 |
| BF137951.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160935TB | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160935TB | 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 |
| BF137951.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 139.595 |           | 10-139 |     | 93         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 135.909 |           | 10-134 |     | 91         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 91.847  |           | 49-133 |     | 92         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 93.35   |           | 52-132 |     | 93         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | PB160935TB            | SDG No.:        | BF052024              |
| Lab Sample ID:     | PB160935TB            | 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 |
| BF137951.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 139.432 |           | 32-145 |     | 93         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 97.873  |           | 36-145 |     | 98         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 131362  | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 510166  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 282169  | 10.08     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 472054  | 11.574    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 250355  | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 245252  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |          |        |    |                 |                       |    |  |
|--------------------|----------|--------|----|-----------------|-----------------------|----|--|
| Client:            |          |        |    | Date Collected: | 5/16/2024 12:00:00 AM |    |  |
| Project:           |          |        |    | Date Received:  | 5/16/2024 12:00:00 AM |    |  |
| Client Sample ID:  | TP-17    |        |    | SDG No.:        | BF052024              |    |  |
| Lab Sample ID:     | P2513-15 |        |    | 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 :      |                       |    |  |
| Injection Volume : |          |        |    | Level :         | LOW                   |    |  |
|                    |          |        |    | GPC Factor :    |                       |    |  |
|                    |          |        |    | GPC Cleanup :   | PH :                  |    |  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF137952.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-15   | 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 |
| BF137952.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-15   | 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 |
| BF137952.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 110.895 |           | 10-139 |     | 74         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 99.398  |           | 10-134 |     | 66         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 81.113  |           | 49-133 |     | 81         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 80.877  |           | 52-132 |     | 81         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-15   | 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 |
| BF137952.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 131.57 |           | 32-145 |     | 88         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 81.445 |           | 36-145 |     | 81         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 129800 | 7.04      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 499471 | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 288165 | 10.081    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 501975 | 11.575    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 325536 | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 333201 | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPK    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-04   | 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 |
| BF137953.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/15/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPK               | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-04              | 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 |
| BF137953.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPK    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-04   | 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 |
| BF137953.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 111.776 |           | 10-139 |     | 75         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 99.154  |           | 10-134 |     | 66         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 84.041  |           | 49-133 |     | 84         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 85.159  |           | 52-132 |     | 85         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPK    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-04   | 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 |
| BF137953.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 129.044 |           | 32-145 |     | 86         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 78.934  |           | 36-145 |     | 79         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 126683  | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 482393  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 271301  | 10.08     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 458214  | 11.574    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 276629  | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 320574  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPL    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-08   | 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 |
| BF137954.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPL    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-08   | 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 |
| BF137954.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPL    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-08   | 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 |
| BF137954.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 114.189 |           | 10-139 |     | 76         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 105.516 |           | 10-134 |     | 70         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 82.756  |           | 49-133 |     | 83         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 82.078  |           | 52-132 |     | 82         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPL    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2486-08   | 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 |
| BF137954.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 143.036 |           | 32-145 |     | 95         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 88.554  |           | 36-145 |     | 89         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 130890  | 7.04      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 508964  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 295495  | 10.081    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 537125  | 11.575    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 328132  | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 290984  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-04   | 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 |
| BF137955.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-04   | 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 |
| BF137955.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-04   | 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 |
| BF137955.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 114.821 |           | 10-139 |     | 77         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 99.282  |           | 10-134 |     | 66         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 84.012  |           | 49-133 |     | 84         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 92.821  |           | 52-132 |     | 93         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-04   | 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 |
| BF137955.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 150.59 |           | 32-145 |     | 100        | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 90.271 |           | 36-145 |     | 90         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 128070 | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 488933 | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 254039 | 10.08     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 466566 | 11.574    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 267566 | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 188323 | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-08   | 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 |
| BF137956.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-08   | 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 |
| BF137956.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-08   | 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 |
| BF137956.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 114.328 |           | 10-139 |     | 76         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 104.955 |           | 10-134 |     | 70         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 83.24   |           | 49-133 |     | 83         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 80.852  |           | 52-132 |     | 81         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-08   | 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 |
| BF137956.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 138.927 |           | 32-145 |     | 93         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 86.552  |           | 36-145 |     | 87         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 140576  | 7.04      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 546069  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 324074  | 10.081    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 568658  | 11.575    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 350290  | 14.227    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 351187  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-04   | 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 |
| BF137957.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-04              | 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 |
| BF137957.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-04   | 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 |
| BF137957.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 100.682 |           | 10-139 |     | 67         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 93.095  |           | 10-134 |     | 62         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 73.124  |           | 49-133 |     | 73         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 73.472  |           | 52-132 |     | 73         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-04              | 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 |
| BF137957.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 130.321 |           | 32-145 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 81.132  |           | 36-145 |     | 81         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 145892  | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 568416  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 333136  | 10.08     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 593213  | 11.574    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 381645  | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 350587  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-08   | 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 |
| BF137958.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-08              | 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 |
| BF137958.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-08   | 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 |
| BF137958.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 101.835 |           | 10-139 |     | 68         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 95.221  |           | 10-134 |     | 63         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 74.355  |           | 49-133 |     | 74         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 74.218  |           | 52-132 |     | 74         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-08              | 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 |
| BF137958.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 130.464 |           | 32-145 |     | 87         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 90.128  |           | 36-145 |     | 90         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |         |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 169018  | 7.04      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 659100  | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 386625  | 10.081    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 694082  | 11.575    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 372696  | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 361409  | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-12   | 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 |
| BF137959.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-12              | 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 |
| BF137959.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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  |
| Total PAH  | Total PAH                                       | 172.9 | U         | 172.9 | 40  | 800        | ug/L  |
| 83-32-9    | Acenaphthene                                    | 8.1   | U         | 8.1   | 40  | 50         | 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: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-12   | 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 |
| BF137959.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| 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             | 112.876 |           | 10-139 |     | 75         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 104.404 |           | 10-134 |     | 70         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 78.718  |           | 49-133 |     | 79         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 81.297  |           | 52-132 |     | 81         | SPK: -100 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-12              | 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 |
| BF137959.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160983      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 135.02 |           | 32-145 |     | 90         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 88.047 |           | 36-145 |     | 88         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 135991 | 7.039     |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 528805 | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 299802 | 10.08     |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 521949 | 11.574    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 294282 | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 334544 | 15.786    |        |     |            |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPN    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2527-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 10.5                  |
| Sample Wt/Vol:     | 50.06      | 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 |
| BF137960.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58.1  | U         | 58.1 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 53.5  | U         | 53.5 | 87   | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 64.9  | U         | 64.9 | 87   | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 55.5  | U         | 55.5 | 87   | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56    | U         | 56   | 87   | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 55.9  | U         | 55.9 | 87   | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 56.6  | U         | 56.6 | 87   | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 57.6  | U         | 57.6 | 87   | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 57.9  | U         | 57.9 | 87   | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 55.6  | U         | 55.6 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54   | 87   | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 60.9  | U         | 60.9 | 87   | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.2  | U         | 58.2 | 87   | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 53.4  | U         | 53.4 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27    | U         | 27   | 53.6 | 53.6       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 55.6  | U         | 55.6 | 87   | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 60.8  | U         | 60.8 | 87   | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 56.6  | U         | 56.6 | 87   | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.3  | U         | 63.3 | 87   | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 62.4  | U         | 62.4 | 87   | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 57.5  | U         | 57.5 | 87   | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 50.6  | U         | 50.6 | 87   | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.2  | U         | 57.2 | 87   | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.3  | U         | 55.3 | 87   | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.3  | U         | 55.3 | 87   | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55.8  | U         | 55.8 | 87   | 110        | ug/Kg |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPN    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2527-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 10.5                  |
| Sample Wt/Vol:     | 50.06      | 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 |
| BF137960.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 58.1  | U         | 58.1  | 180 | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 51.9  | U         | 51.9  | 87  | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 55.2  | U         | 55.2  | 87  | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100   | U         | 100   | 180 | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 47.8  | U         | 47.8  | 87  | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 49.5  | U         | 49.5  | 87  | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 58.5  | U         | 58.5  | 87  | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 55.8  | U         | 55.8  | 87  | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 63.6  | U         | 63.6  | 87  | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 54.7  | U         | 54.7  | 87  | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 57.9  | U         | 57.9  | 87  | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 55.7  | U         | 55.7  | 87  | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 59.7  | U         | 59.7  | 87  | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 54.3  | U         | 54.3  | 87  | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 887.1 | U         | 887.1 | 87  | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180 | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 77.7  | U         | 77.7  | 180 | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 56.5  | U         | 56.5  | 87  | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 113.4 | U         | 113.4 | 87  | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 57.7  | U         | 57.7  | 87  | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 53.6  | U         | 53.6  | 87  | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.3  | U         | 57.3  | 87  | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 57.2  | U         | 57.2  | 87  | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 71.6  | U         | 71.6  | 87  | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 78.3  | U         | 78.3  | 180 | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 54.6  | U         | 54.6  | 87  | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.3  | U         | 53.3  | 87  | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 52.8  | U         | 52.8  | 87  | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 56.9  | U         | 56.9  | 87  | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.2  | U         | 61.2  | 87  | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPN    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2527-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 10.5                  |
| Sample Wt/Vol:     | 50.06      | 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 |
| BF137960.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 51.8   | U         | 51.8   | 180 | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 56.2   | U         | 56.2   | 87  | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 56.5   | U         | 56.5   | 87  | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 53.8   | U         | 53.8   | 87  | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 56.4   | U         | 56.4   | 87  | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 54.7   | U         | 54.7   | 87  | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180 | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 55.6   | U         | 55.6   | 87  | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 64.8   | U         | 64.8   | 87  | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 66     | U         | 66     | 180 | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 54     | U         | 54     | 87  | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 53.2   | U         | 53.2   | 87  | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 60.9   | U         | 60.9   | 87  | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 73.7   | U         | 73.7   | 180 | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 54.3   | U         | 54.3   | 87  | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 55.3   | U         | 55.3   | 87  | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 62.3   | U         | 62.3   | 87  | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 52.3   | U         | 52.3   | 87  | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 54.4   | U         | 54.4   | 87  | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 53.6   | U         | 53.6   | 87  | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 58.1   | U         | 58.1   | 87  | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 73.7   | U         | 73.7   | 87  | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 50     | U         | 50     | 87  | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 55.7   | U         | 55.7   | 110 | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 98.969 |           | 18-112 |     | 66         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 99.505 |           | 15-107 |     | 66         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 65.223 |           | 18-107 |     | 65         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 63.807 |           | 20-109 |     | 64         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/17/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPN    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2527-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 10.5                  |
| Sample Wt/Vol:     | 50.06      | 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 |
| BF137960.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol           | 104.075 |           | 10-110 |     | 69         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                  | 66.304  |           | 14-112 |     | 66         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 137574  | 7.039     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                 | 533861  | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10               | 308190  | 10.086    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10               | 533915  | 11.574    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                   | 304764  | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                   | 331190  | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-    | 1500    | J         |        |     | 2.399      |           |
| 003891-99-4                           | 2,6,10-Trimethyltridecane      | 48.2    | J         |        |     | 9.786      |           |
| 000629-92-5                           | Nonadecane                     | 73.7    | J         |        |     | 9.992      |           |
| 000544-76-3                           | Hexadecane                     | 92.4    | J         |        |     | 10.498     |           |
| 003892-00-0                           | Pentadecane, 2,6,10-trimethyl- | 46      | J         |        |     | 10.716     |           |
| 000629-59-4                           | Tetradecane                    | 140     | J         |        |     | 10.969     |           |
| 000629-78-7                           | Heptadecane                    | 70.3    | J         |        |     | 11.422     |           |
| 000629-99-2                           | Pentacosane                    | 68.5    | J         |        |     | 11.845     |           |
| 000057-10-3                           | n-Hexadecanoic acid            | 110     | J         |        |     | 12.08      |           |
| 000112-95-8                           | Eicosane                       | 53.8    | J         |        |     | 12.257     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 12.3                  |
| Sample Wt/Vol:     | 50.09      | 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 |
| BF137961.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 59.3  | U         | 59.3 | 180  | 230        | ug/Kg |
| 110-86-1       | Pyridine                    | 54.6  | U         | 54.6 | 88.8 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 230        | ug/Kg |
| 62-53-3        | Aniline                     | 66.2  | U         | 66.2 | 88.8 | 120        | ug/Kg |
| 108-95-2       | Phenol                      | 56.6  | U         | 56.6 | 88.8 | 120        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 57.2  | U         | 57.2 | 88.8 | 120        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 57    | U         | 57   | 88.8 | 120        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 57.8  | U         | 57.8 | 88.8 | 120        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 58.7  | U         | 58.7 | 88.8 | 120        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 59.1  | U         | 59.1 | 88.8 | 120        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 56.7  | U         | 56.7 | 180  | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 55    | U         | 55   | 88.8 | 120        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 62.1  | U         | 62.1 | 88.8 | 120        | ug/Kg |
| 98-86-2        | Acetophenone                | 59.3  | U         | 59.3 | 88.8 | 120        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 54.5  | U         | 54.5 | 180  | 230        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27.5  | U         | 27.5 | 54.6 | 54.6       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 56.7  | U         | 56.7 | 88.8 | 120        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 62    | U         | 62   | 88.8 | 120        | ug/Kg |
| 78-59-1        | Isophorone                  | 57.8  | U         | 57.8 | 88.8 | 120        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 64.5  | U         | 64.5 | 88.8 | 120        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 63.6  | U         | 63.6 | 88.8 | 120        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 58.6  | U         | 58.6 | 88.8 | 120        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51.6  | U         | 51.6 | 88.8 | 120        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 58.3  | U         | 58.3 | 88.8 | 120        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 56.4  | U         | 56.4 | 88.8 | 120        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 56.4  | U         | 56.4 | 88.8 | 120        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56.9  | U         | 56.9 | 88.8 | 120        | ug/Kg |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 5/16/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 5/16/2024 12:00:00 AM |    |
| Client Sample ID:  | WC-MH-LL     |        |    | SDG No.:        | BF052024              |    |
| Lab Sample ID:     | P2518-05     |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E        |        |    | % Moisture:     | 12.3                  |    |
| Sample Wt/Vol:     | 50.09        | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BF137961.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 59.3  | U         | 59.3  | 180  | 230        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 52.9  | U         | 52.9  | 88.8 | 120        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 56.3  | U         | 56.3  | 88.8 | 120        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 110   | U         | 110   | 180  | 230        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 48.8  | U         | 48.8  | 88.8 | 120        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 50.5  | U         | 50.5  | 88.8 | 120        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 59.7  | U         | 59.7  | 88.8 | 120        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 56.9  | U         | 56.9  | 88.8 | 120        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 64.9  | U         | 64.9  | 88.8 | 120        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 55.8  | U         | 55.8  | 88.8 | 120        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 59.1  | U         | 59.1  | 88.8 | 120        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 56.8  | U         | 56.8  | 88.8 | 120        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 60.9  | U         | 60.9  | 88.8 | 120        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 55.4  | U         | 55.4  | 88.8 | 120        | ug/Kg |
| Total PAH  | Total PAH                                       | 905   | U         | 905   | 88.8 | 1920       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 170   | U         | 170   | 180  | 230        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 79.2  | U         | 79.2  | 180  | 230        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 57.6  | U         | 57.6  | 88.8 | 120        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 115.7 | U         | 115.7 | 88.8 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 58.9  | U         | 58.9  | 88.8 | 120        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 54.7  | U         | 54.7  | 88.8 | 120        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 58.5  | U         | 58.5  | 88.8 | 120        | ug/Kg |
| 86-73-7    | Fluorene                                        | 58.4  | U         | 58.4  | 88.8 | 120        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 73.1  | U         | 73.1  | 88.8 | 120        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 79.9  | U         | 79.9  | 180  | 230        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 55.7  | U         | 55.7  | 88.8 | 120        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 54.4  | U         | 54.4  | 88.8 | 120        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 53.9  | U         | 53.9  | 88.8 | 120        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 58    | U         | 58    | 88.8 | 120        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 62.4  | U         | 62.4  | 88.8 | 120        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 12.3                  |
| Sample Wt/Vol:     | 50.09      | 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 |
| BF137961.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 52.8   | U         | 52.8   | 180  | 230        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 57.4   | U         | 57.4   | 88.8 | 120        | ug/Kg     |
| 120-12-7          | Anthracene                 | 57.6   | U         | 57.6   | 88.8 | 120        | ug/Kg     |
| 86-74-8           | Carbazole                  | 54.8   | U         | 54.8   | 88.8 | 120        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 57.6   | U         | 57.6   | 88.8 | 120        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 55.8   | U         | 55.8   | 88.8 | 120        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 230        | ug/Kg     |
| 129-00-0          | Pyrene                     | 56.7   | U         | 56.7   | 88.8 | 120        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 66.1   | U         | 66.1   | 88.8 | 120        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 67.3   | U         | 67.3   | 180  | 230        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 55.1   | U         | 55.1   | 88.8 | 120        | ug/Kg     |
| 218-01-9          | Chrysene                   | 54.3   | U         | 54.3   | 88.8 | 120        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 62.1   | U         | 62.1   | 88.8 | 120        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 75.1   | U         | 75.1   | 180  | 230        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 55.4   | U         | 55.4   | 88.8 | 120        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 56.4   | U         | 56.4   | 88.8 | 120        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 63.5   | U         | 63.5   | 88.8 | 120        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 53.3   | U         | 53.3   | 88.8 | 120        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 55.5   | U         | 55.5   | 88.8 | 120        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 54.7   | U         | 54.7   | 88.8 | 120        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 59.3   | U         | 59.3   | 88.8 | 120        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 75.1   | U         | 75.1   | 88.8 | 120        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 51     | U         | 51     | 88.8 | 120        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 56.8   | U         | 56.8   | 120  | 120        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 81.416 |           | 18-112 |      | 54         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 81.721 |           | 15-107 |      | 54         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 52.925 |           | 18-107 |      | 53         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 55.007 |           | 20-109 |      | 55         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-LL   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 12.3                  |
| Sample Wt/Vol:     | 50.09      | 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 |
| BF137961.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 87.039 |           | 10-110 |     | 58         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 57.949 |           | 14-112 |     | 58         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 134284 | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 524512 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 300059 | 10.081    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 526574 | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 297019 | 14.222    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 339559 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 960    | J         |        |     | 2.393      |           |
| 019484-26-5                           | 1-Tridecanethiol            | 52.6   | J         |        |     | 14.08      |           |
| 000630-01-3                           | Hexacosane                  | 64.4   | J         |        |     | 14.669     |           |
|                                       | unknown                     | 18.604 | J         |        |     | 18.604     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-16      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-10   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.6                   |
| Sample Wt/Vol:     | 50.01      | 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 |
| BF137962.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 56.4  | U         | 56.4 | 180  | 210        | ug/Kg |
| 110-86-1       | Pyridine                    | 51.9  | U         | 51.9 | 84.4 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 210        | ug/Kg |
| 62-53-3        | Aniline                     | 62.9  | U         | 62.9 | 84.4 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 53.8  | U         | 53.8 | 84.4 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 54.3  | U         | 54.3 | 84.4 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 54.2  | U         | 54.2 | 84.4 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 54.9  | U         | 54.9 | 84.4 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 55.8  | U         | 55.8 | 84.4 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 56.2  | U         | 56.2 | 84.4 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 53.9  | U         | 53.9 | 180  | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52.3  | U         | 52.3 | 84.4 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 59    | U         | 59   | 84.4 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 56.4  | U         | 56.4 | 84.4 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 51.8  | U         | 51.8 | 180  | 210        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.2  | U         | 26.2 | 51.9 | 51.9       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 53.9  | U         | 53.9 | 84.4 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58.9  | U         | 58.9 | 84.4 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 54.9  | U         | 54.9 | 84.4 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61.4  | U         | 61.4 | 84.4 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 60.5  | U         | 60.5 | 84.4 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 55.7  | U         | 55.7 | 84.4 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49    | U         | 49   | 84.4 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 55.4  | U         | 55.4 | 84.4 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 150   | U         | 150  | 180  | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 53.6  | U         | 53.6 | 84.4 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53.6  | U         | 53.6 | 84.4 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54.1  | U         | 54.1 | 84.4 | 110        | ug/Kg |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-16      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-10   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.6                   |
| Sample Wt/Vol:     | 50.01      | 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 |
| BF137962.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 56.4  | U         | 56.4  | 180  | 210        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 50.3  | U         | 50.3  | 84.4 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 53.6  | U         | 53.6  | 84.4 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100   | U         | 100   | 180  | 210        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 46.4  | U         | 46.4  | 84.4 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 48    | U         | 48    | 84.4 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 56.7  | U         | 56.7  | 84.4 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 54.1  | U         | 54.1  | 84.4 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 61.7  | U         | 61.7  | 84.4 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 53    | U         | 53    | 84.4 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 56.2  | U         | 56.2  | 84.4 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 54    | U         | 54    | 84.4 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 57.9  | U         | 57.9  | 84.4 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 52.7  | U         | 52.7  | 84.4 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 860.3 | U         | 860.3 | 84.4 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180  | 210        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 75.3  | U         | 75.3  | 180  | 210        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 54.8  | U         | 54.8  | 84.4 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 10    | U         | 110   | 84.4 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 56    | U         | 56    | 84.4 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 52    | U         | 52    | 84.4 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 55.6  | U         | 55.6  | 84.4 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 55.5  | U         | 55.5  | 84.4 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 69.5  | U         | 69.5  | 84.4 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 76    | U         | 76    | 180  | 210        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 53    | U         | 53    | 84.4 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 51.7  | U         | 51.7  | 84.4 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 51.2  | U         | 51.2  | 84.4 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 55.2  | U         | 55.2  | 84.4 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 59.3  | U         | 59.3  | 84.4 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-16      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-10   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.6                   |
| Sample Wt/Vol:     | 50.01      | 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 |
| BF137962.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 50.2   | U         | 50.2   | 180  | 210        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 54.5   | U         | 54.5   | 84.4 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 54.8   | U         | 54.8   | 84.4 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 52.1   | U         | 52.1   | 84.4 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 54.7   | U         | 54.7   | 84.4 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 53     | U         | 53     | 84.4 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 210        | ug/Kg     |
| 129-00-0          | Pyrene                     | 53.9   | U         | 53.9   | 84.4 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 62.8   | U         | 62.8   | 84.4 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 64     | U         | 64     | 180  | 210        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 52.4   | U         | 52.4   | 84.4 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 51.6   | U         | 51.6   | 84.4 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 59.1   | U         | 59.1   | 84.4 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 71.4   | U         | 71.4   | 180  | 210        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 52.7   | U         | 52.7   | 84.4 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 53.6   | U         | 53.6   | 84.4 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 60.4   | U         | 60.4   | 84.4 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 50.7   | U         | 50.7   | 84.4 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 52.7   | U         | 52.7   | 84.4 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 52     | U         | 52     | 84.4 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 56.4   | U         | 56.4   | 84.4 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 71.4   | U         | 71.4   | 84.4 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 48.5   | U         | 48.5   | 84.4 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 54     | U         | 54     | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 91.699 |           | 18-112 |      | 61         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 92.871 |           | 15-107 |      | 62         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 59.792 |           | 18-107 |      | 60         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 57.372 |           | 20-109 |      | 57         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-16      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-10   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.6                   |
| Sample Wt/Vol:     | 50.01      | 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 |
| BF137962.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 96.506 |           | 10-110 |     | 64         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 58.812 |           | 14-112 |     | 59         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 146451 | 7.039     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 575353 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 327919 | 10.08     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 569532 | 11.574    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 306433 | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 353515 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 1100   | J         |        |     | 2.404      |           |
| 000057-10-3                           | n-Hexadecanoic acid         | 57.3   | J         |        |     | 12.08      |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9                     |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137963.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 57.2  | U         | 57.2 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 52.6  | U         | 52.6 | 85.6 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 63.8  | U         | 63.8 | 85.6 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 54.6  | U         | 54.6 | 85.6 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 55.1  | U         | 55.1 | 85.6 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 55    | U         | 55   | 85.6 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 55.7  | U         | 55.7 | 85.6 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 56.7  | U         | 56.7 | 85.6 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 57    | U         | 57   | 85.6 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 54.7  | U         | 54.7 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 53.1  | U         | 53.1 | 85.6 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 59.9  | U         | 59.9 | 85.6 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 57.3  | U         | 57.3 | 85.6 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 52.6  | U         | 52.6 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.6  | U         | 26.6 | 52.7 | 52.7       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 54.7  | U         | 54.7 | 85.6 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 59.8  | U         | 59.8 | 85.6 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 55.7  | U         | 55.7 | 85.6 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 62.3  | U         | 62.3 | 85.6 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 61.4  | U         | 61.4 | 85.6 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 56.5  | U         | 56.5 | 85.6 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49.7  | U         | 49.7 | 85.6 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 56.3  | U         | 56.3 | 85.6 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 54.4  | U         | 54.4 | 85.6 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54.4  | U         | 54.4 | 85.6 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54.9  | U         | 54.9 | 85.6 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9                     |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137963.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc.  | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|--------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 57.2   | U         | 57.2  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 51.1   | U         | 51.1  | 85.6 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 54.4   | U         | 54.4  | 85.6 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100    | U         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 47     | U         | 47    | 85.6 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 48.8   | U         | 48.8  | 85.6 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 57.6   | U         | 57.6  | 85.6 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 54.9   | U         | 54.9  | 85.6 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 62.6   | U         | 62.6  | 85.6 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 53.8   | U         | 53.8  | 85.6 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 57     | U         | 57    | 85.6 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 54.8   | U         | 54.8  | 85.6 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 58.8   | U         | 58.8  | 85.6 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 53.4   | U         | 53.4  | 85.6 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 1675.4 | U         | 873   | 85.6 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160    | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 76.4   | U         | 76.4  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 55.6   | U         | 55.6  | 85.6 | 110        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 56.8   | U         | 56.8  | 85.6 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 111.6  | U         | 111.6 | 85.6 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 52.8   | U         | 52.8  | 85.6 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 56.4   | U         | 56.4  | 85.6 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 56.3   | U         | 56.3  | 85.6 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 70.5   | U         | 70.5  | 85.6 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 77.1   | U         | 77.1  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 53.8   | U         | 53.8  | 85.6 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 52.4   | U         | 52.4  | 85.6 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 52     | U         | 52    | 85.6 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 56     | U         | 56    | 85.6 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 60.2   | U         | 60.2  | 85.6 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9                     |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137963.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 50.9   | U         | 50.9   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 58.3   | J         | 55.3   | 85.6 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 55.6   | U         | 55.6   | 85.6 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 52.9   | U         | 52.9   | 85.6 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 55.5   | U         | 55.5   | 85.6 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 220    |           | 53.8   | 85.6 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 240    |           | 54.7   | 85.6 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 63.8   | U         | 63.8   | 85.6 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 65     | U         | 65     | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 160    |           | 53.2   | 85.6 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 170    |           | 52.4   | 85.6 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 60     | U         | 60     | 85.6 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 72.5   | U         | 72.5   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 260    |           | 53.4   | 85.6 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 87.1   | J         | 54.4   | 85.6 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 230    |           | 61.3   | 85.6 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 120    |           | 51.5   | 85.6 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 53.5   | U         | 53.5   | 85.6 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 130    |           | 52.8   | 85.6 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 57.2   | U         | 57.2   | 85.6 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 72.5   | U         | 72.5   | 85.6 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 49.2   | U         | 49.2   | 85.6 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 54.8   | U         | 54.8   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 81.805 |           | 18-112 |      | 55         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 82.636 |           | 15-107 |      | 55         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 54.316 |           | 18-107 |      | 54         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 52.351 |           | 20-109 |      | 52         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPI    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-05   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9                     |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137963.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 86.465 |           | 10-110 |     | 58         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 52.943 |           | 14-112 |     | 53         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 143975 | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 556186 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 319472 | 10.081    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 545165 | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 303469 | 14.227    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 351087 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 1200   | J         |        |     | 2.405      |           |
| 000629-62-9                           | Pentadecane                        | 43.9   | J         |        |     | 10.492     |           |
| 000629-78-7                           | Heptadecane                        | 81.9   | J         |        |     | 10.969     |           |
| 000057-10-3                           | n-Hexadecanoic acid                | 65.7   | J         |        |     | 12.081     |           |
| 000301-02-0                           | 9-Octadecenamide, (Z)-             | 92.2   | J         |        |     | 13.633     |           |
| 000192-97-2                           | Benzo[e]pyrene                     | 46.1   | J         |        |     | 15.433     |           |
| 000198-55-0                           | Perylene                           | 150    | J         |        |     | 15.645     |           |
| 1000441-97-8                          | (3S,6aR,6bR,8aR,14bR)-3-methoxy-4, | 44.8   | J         |        |     | 17.792     |           |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM            | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-01            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 13.7                  |
| Sample Wt/Vol:     | 50.05      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 |
| BF137964.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 60.3  | U         | 60.3 | 190  | 230        | ug/Kg |
| 110-86-1       | Pyridine                    | 55.5  | U         | 55.5 | 90.3 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | U         | 130  | 190  | 230        | ug/Kg |
| 62-53-3        | Aniline                     | 67.3  | U         | 67.3 | 90.3 | 120        | ug/Kg |
| 108-95-2       | Phenol                      | 57.6  | U         | 57.6 | 90.3 | 120        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 58.1  | U         | 58.1 | 90.3 | 120        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 58    | U         | 58   | 90.3 | 120        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 58.8  | U         | 58.8 | 90.3 | 120        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 59.7  | U         | 59.7 | 90.3 | 120        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 60.1  | U         | 60.1 | 90.3 | 120        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 57.6  | U         | 57.6 | 190  | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 56    | U         | 56   | 90.3 | 120        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 63.1  | U         | 63.1 | 90.3 | 120        | ug/Kg |
| 98-86-2        | Acetophenone                | 60.4  | U         | 60.4 | 90.3 | 120        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 55.4  | U         | 55.4 | 190  | 230        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 28    | U         | 28   | 55.6 | 55.6       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 57.6  | U         | 57.6 | 90.3 | 120        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 63.1  | U         | 63.1 | 90.3 | 120        | ug/Kg |
| 78-59-1        | Isophorone                  | 58.8  | U         | 58.8 | 90.3 | 120        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 65.6  | U         | 65.6 | 90.3 | 120        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 64.7  | U         | 64.7 | 90.3 | 120        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 59.6  | U         | 59.6 | 90.3 | 120        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 52.4  | U         | 52.4 | 90.3 | 120        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 59.3  | U         | 59.3 | 90.3 | 120        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 190  | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 57.4  | U         | 57.4 | 90.3 | 120        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 57.4  | U         | 57.4 | 90.3 | 120        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 57.9  | U         | 57.9 | 90.3 | 120        | ug/Kg |





|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 5/16/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 5/16/2024 12:00:00 AM |    |
| Client Sample ID:  | WC-MH-MM     |        |    | SDG No.:        | BF052024              |    |
| Lab Sample ID:     | P2518-01     |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | 8270E        |        |    | % Moisture:     | 13.7                  |    |
| Sample Wt/Vol:     | 50.05        | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BF137964.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 60.3  | U         | 60.3  | 190  | 230        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 53.8  | U         | 53.8  | 90.3 | 120        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 57.3  | U         | 57.3  | 90.3 | 120        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 110   | U         | 110   | 190  | 230        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 49.6  | U         | 49.6  | 90.3 | 120        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 51.4  | U         | 51.4  | 90.3 | 120        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 60.7  | U         | 60.7  | 90.3 | 120        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 57.9  | U         | 57.9  | 90.3 | 120        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 66    | U         | 66    | 90.3 | 120        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 56.7  | U         | 56.7  | 90.3 | 120        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 60.1  | U         | 60.1  | 90.3 | 120        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 57.8  | U         | 57.8  | 90.3 | 120        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 62    | U         | 62    | 90.3 | 120        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 56.3  | U         | 56.3  | 90.3 | 120        | ug/Kg |
| Total PAH  | Total PAH                                       | 920.2 | U         | 920.2 | 90.3 | 1920       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 170   | U         | 170   | 190  | 230        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 80.6  | U         | 80.6  | 190  | 230        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 58.6  | U         | 58.6  | 90.3 | 120        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 117.7 | U         | 117.7 | 90.3 | 240        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 59.9  | U         | 59.9  | 90.3 | 120        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 55.6  | U         | 55.6  | 90.3 | 120        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 59.5  | U         | 59.5  | 90.3 | 120        | ug/Kg |
| 86-73-7    | Fluorene                                        | 59.4  | U         | 59.4  | 90.3 | 120        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 74.3  | U         | 74.3  | 90.3 | 120        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 81.3  | U         | 81.3  | 190  | 230        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 56.7  | U         | 56.7  | 90.3 | 120        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 55.3  | U         | 55.3  | 90.3 | 120        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 54.8  | U         | 54.8  | 90.3 | 120        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 59    | U         | 59    | 90.3 | 120        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 63.5  | U         | 63.5  | 90.3 | 120        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 13.7                  |
| Sample Wt/Vol:     | 50.05      | 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 |
| BF137964.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 53.7   | U         | 53.7   | 190  | 230        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 58.3   | U         | 58.3   | 90.3 | 120        | ug/Kg     |
| 120-12-7          | Anthracene                 | 58.6   | U         | 58.6   | 90.3 | 120        | ug/Kg     |
| 86-74-8           | Carbazole                  | 55.8   | U         | 55.8   | 90.3 | 120        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 58.6   | U         | 58.6   | 90.3 | 120        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 56.7   | U         | 56.7   | 90.3 | 120        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 190  | 230        | ug/Kg     |
| 129-00-0          | Pyrene                     | 57.6   | U         | 57.6   | 90.3 | 120        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 67.2   | U         | 67.2   | 90.3 | 120        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 68.5   | U         | 68.5   | 190  | 230        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 56.1   | U         | 56.1   | 90.3 | 120        | ug/Kg     |
| 218-01-9          | Chrysene                   | 55.2   | U         | 55.2   | 90.3 | 120        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 63.2   | U         | 63.2   | 90.3 | 120        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 76.4   | U         | 76.4   | 190  | 230        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 56.3   | U         | 56.3   | 90.3 | 120        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 57.4   | U         | 57.4   | 90.3 | 120        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 64.6   | U         | 64.6   | 90.3 | 120        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 54.2   | U         | 54.2   | 90.3 | 120        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 56.4   | U         | 56.4   | 90.3 | 120        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 55.6   | U         | 55.6   | 90.3 | 120        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 60.3   | U         | 60.3   | 90.3 | 120        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 76.4   | U         | 76.4   | 90.3 | 120        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 51.9   | U         | 51.9   | 90.3 | 120        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 57.8   | U         | 57.8   | 120  | 120        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 81.668 |           | 18-112 |      | 54         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 83.921 |           | 15-107 |      | 56         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 53.575 |           | 18-107 |      | 54         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 52.974 |           | 20-109 |      | 53         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-MM            | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-01            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 13.7                  |
| Sample Wt/Vol:     | 50.05      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 |
| BF137964.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------|------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                  | 2,4,6-Tribromophenol   | 86.158 |           | 10-110 |     | 57         | SPK: -150 |
| 1718-51-0                 | Terphenyl-d14          | 55.149 |           | 14-112 |     | 55         | SPK: -100 |
| <b>INTERNAL STANDARDS</b> |                        |        |           |        |     |            |           |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 136519 | 7.04      |        |     |            |           |
| 1146-65-2                 | Naphthalene-d8         | 536974 | 8.322     |        |     |            |           |
| 15067-26-2                | Acenaphthene-d10       | 312670 | 10.081    |        |     |            |           |
| 1517-22-2                 | Phenanthrene-d10       | 542278 | 11.575    |        |     |            |           |
| 1719-03-5                 | Chrysene-d12           | 303307 | 14.221    |        |     |            |           |
| 1520-96-3                 | Perylene-d12           | 350028 | 15.786    |        |     |            |           |

## Report of Analysis

|                    |          |        |    |                 |                       |    |  |
|--------------------|----------|--------|----|-----------------|-----------------------|----|--|
| Client:            |          |        |    | Date Collected: | 5/16/2024 12:00:00 AM |    |  |
| Project:           |          |        |    | Date Received:  | 5/16/2024 12:00:00 AM |    |  |
| Client Sample ID:  | TP-17    |        |    | SDG No.:        | BF052024              |    |  |
| Lab Sample ID:     | P2513-13 |        |    | Matrix:         | Solid                 |    |  |
| Analytical Method: | 8270E    |        |    | % Moisture:     | 9.1                   |    |  |
| Sample Wt/Vol:     | 50.04    | Units: | g  | Final Vol:      | 1000                  | uL |  |
| Soil Aliquot Vol:  |          |        | uL | Test:           |                       |    |  |
| Extraction Type :  |          |        |    | Decanted :      |                       |    |  |
| Injection Volume : |          |        |    | Level :         | LOW                   |    |  |
|                    |          |        |    | GPC Factor :    |                       |    |  |
|                    |          |        |    | GPC Cleanup :   | PH :                  |    |  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF137965.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 57.2  | U         | 57.2 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 52.7  | U         | 52.7 | 85.7 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 63.9  | U         | 63.9 | 85.7 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 54.7  | U         | 54.7 | 85.7 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 55.2  | U         | 55.2 | 85.7 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 55.1  | U         | 55.1 | 85.7 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 55.8  | U         | 55.8 | 85.7 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 56.7  | U         | 56.7 | 85.7 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 57.1  | U         | 57.1 | 85.7 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 54.7  | U         | 54.7 | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 53.2  | U         | 53.2 | 85.7 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 60    | U         | 60   | 85.7 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 57.3  | U         | 57.3 | 85.7 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 52.6  | U         | 52.6 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.6  | U         | 26.6 | 52.8 | 52.8       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 54.7  | U         | 54.7 | 85.7 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 59.9  | U         | 59.9 | 85.7 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 55.8  | U         | 55.8 | 85.7 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 62.3  | U         | 62.3 | 85.7 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 61.5  | U         | 61.5 | 85.7 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 56.6  | U         | 56.6 | 85.7 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49.8  | U         | 49.8 | 85.7 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 56.3  | U         | 56.3 | 85.7 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 54.5  | U         | 54.5 | 85.7 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54.5  | U         | 54.5 | 85.7 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 54.9  | U         | 54.9 | 85.7 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-13   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9.1                   |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137965.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 57.2  | U         | 57.2  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 51.1  | U         | 51.1  | 85.7 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 54.4  | U         | 54.4  | 85.7 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100   | U         | 100   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 47.1  | U         | 47.1  | 85.7 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 48.8  | U         | 48.8  | 85.7 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 57.6  | U         | 57.6  | 85.7 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 54.9  | U         | 54.9  | 85.7 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 62.7  | U         | 62.7  | 85.7 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 53.9  | U         | 53.9  | 85.7 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 57.1  | U         | 57.1  | 85.7 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 54.9  | U         | 54.9  | 85.7 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 58.8  | U         | 58.8  | 85.7 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 53.5  | U         | 53.5  | 85.7 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 874   | U         | 874   | 85.7 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 76.5  | U         | 76.5  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 55.7  | U         | 55.7  | 85.7 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 111.8 | U         | 111.8 | 85.7 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 56.9  | U         | 56.9  | 85.7 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 52.8  | U         | 52.8  | 85.7 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 56.5  | U         | 56.5  | 85.7 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 56.4  | U         | 56.4  | 85.7 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 70.6  | U         | 70.6  | 85.7 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 77.2  | U         | 77.2  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 53.8  | U         | 53.8  | 85.7 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 52.5  | U         | 52.5  | 85.7 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 52    | U         | 52    | 85.7 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 56.1  | U         | 56.1  | 85.7 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 60.3  | U         | 60.3  | 85.7 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-13   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9.1                   |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137965.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 51     | U         | 51     | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 55.4   | U         | 55.4   | 85.7 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 55.7   | U         | 55.7   | 85.7 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 53     | U         | 53     | 85.7 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 55.6   | U         | 55.6   | 85.7 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 53.9   | U         | 53.9   | 85.7 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 54.7   | U         | 54.7   | 85.7 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 63.8   | U         | 63.8   | 85.7 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 65     | U         | 65     | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 53.2   | U         | 53.2   | 85.7 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 52.4   | U         | 52.4   | 85.7 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 60     | U         | 60     | 85.7 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 72.5   | U         | 72.5   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 53.5   | U         | 53.5   | 85.7 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 54.5   | U         | 54.5   | 85.7 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 61.3   | U         | 61.3   | 85.7 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 51.5   | U         | 51.5   | 85.7 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 53.6   | U         | 53.6   | 85.7 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 52.8   | U         | 52.8   | 85.7 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 57.2   | U         | 57.2   | 85.7 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 72.5   | U         | 72.5   | 85.7 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 49.3   | U         | 49.3   | 85.7 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 54.9   | U         | 54.9   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 79.668 |           | 18-112 |      | 53         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 80.499 |           | 15-107 |      | 54         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 51.945 |           | 18-107 |      | 52         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 48.732 |           | 20-109 |      | 49         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-17      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-13   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 9.1                   |
| Sample Wt/Vol:     | 50.04      | 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 |
| BF137965.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 82.43  |           | 10-110 |     | 55         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 45.063 |           | 14-112 |     | 45         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 146471 | 7.039     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 571309 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 328598 | 10.08     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 559908 | 11.574    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 318698 | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 364825 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 1100   | J         |        |     | 2.399      |           |
| 000057-10-3                           | n-Hexadecanoic acid         | 84.6   | J         |        |     | 12.08      |           |

## Report of Analysis

|                    |          |        |    |                 |                       |    |  |
|--------------------|----------|--------|----|-----------------|-----------------------|----|--|
| Client:            |          |        |    | Date Collected: | 5/16/2024 12:00:00 AM |    |  |
| Project:           |          |        |    | Date Received:  | 5/16/2024 12:00:00 AM |    |  |
| Client Sample ID:  | TP-15    |        |    | SDG No.:        | BF052024              |    |  |
| Lab Sample ID:     | P2513-07 |        |    | Matrix:         | Solid                 |    |  |
| Analytical Method: | 8270E    |        |    | % Moisture:     | 7.4                   |    |  |
| Sample Wt/Vol:     | 50.03    | Units: | g  | Final Vol:      | 1000                  | uL |  |
| Soil Aliquot Vol:  |          |        | uL | Test:           |                       |    |  |
| Extraction Type :  |          |        |    | Decanted :      |                       |    |  |
| Injection Volume : |          |        |    | Level :         | LOW                   |    |  |
|                    |          |        |    | GPC Factor :    |                       |    |  |
|                    |          |        |    | GPC Cleanup :   | PH :                  |    |  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BF137966.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 56.2  | U         | 56.2 | 170  | 210        | ug/Kg |
| 110-86-1       | Pyridine                    | 51.7  | U         | 51.7 | 84.2 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 170  | 210        | ug/Kg |
| 62-53-3        | Aniline                     | 62.7  | U         | 62.7 | 84.2 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 53.7  | U         | 53.7 | 84.2 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 54.2  | U         | 54.2 | 84.2 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 54.1  | U         | 54.1 | 84.2 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 54.8  | U         | 54.8 | 84.2 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 55.7  | U         | 55.7 | 84.2 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 56    | U         | 56   | 84.2 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 53.7  | U         | 53.7 | 170  | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 52.2  | U         | 52.2 | 84.2 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 58.9  | U         | 58.9 | 84.2 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 56.3  | U         | 56.3 | 84.2 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 51.7  | U         | 51.7 | 170  | 210        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 26.1  | U         | 26.1 | 51.8 | 51.8       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 53.7  | U         | 53.7 | 84.2 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 58.8  | U         | 58.8 | 84.2 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 54.8  | U         | 54.8 | 84.2 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 61.2  | U         | 61.2 | 84.2 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 60.4  | U         | 60.4 | 84.2 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 55.6  | U         | 55.6 | 84.2 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 48.9  | U         | 48.9 | 84.2 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 55.3  | U         | 55.3 | 84.2 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 150   | U         | 150  | 170  | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 53.5  | U         | 53.5 | 84.2 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 53.5  | U         | 53.5 | 84.2 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 53.9  | U         | 53.9 | 84.2 | 110        | ug/Kg |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-15      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-07   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.4                   |
| 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 |
| BF137966.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 56.2  | U         | 56.2  | 170  | 210        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 50.2  | U         | 50.2  | 84.2 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 53.4  | U         | 53.4  | 84.2 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 100   | U         | 100   | 170  | 210        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 46.2  | U         | 46.2  | 84.2 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 47.9  | U         | 47.9  | 84.2 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 56.6  | U         | 56.6  | 84.2 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 53.9  | U         | 53.9  | 84.2 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 61.5  | U         | 61.5  | 84.2 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 52.9  | U         | 52.9  | 84.2 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 56    | U         | 56    | 84.2 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 53.9  | U         | 53.9  | 84.2 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 57.8  | U         | 57.8  | 84.2 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 52.5  | U         | 52.5  | 84.2 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 858.2 | U         | 858.2 | 84.2 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 170  | 210        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 75.1  | U         | 75.1  | 170  | 210        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 54.7  | U         | 54.7  | 84.2 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 109.7 | U         | 109.7 | 84.2 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 55.8  | U         | 55.8  | 84.2 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 51.9  | U         | 51.9  | 84.2 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 55.4  | U         | 55.4  | 84.2 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 55.4  | U         | 55.4  | 84.2 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 69.3  | U         | 69.3  | 84.2 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 75.8  | U         | 75.8  | 170  | 210        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 52.8  | U         | 52.8  | 84.2 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 51.5  | U         | 51.5  | 84.2 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 51.1  | U         | 51.1  | 84.2 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 55    | U         | 55    | 84.2 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 59.2  | U         | 59.2  | 84.2 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-15      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-07   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.4                   |
| 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 |
| BF137966.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 50.1   | U         | 50.1   | 170  | 210        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 54.4   | U         | 54.4   | 84.2 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 54.7   | U         | 54.7   | 84.2 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 52     | U         | 52     | 84.2 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 54.6   | U         | 54.6   | 84.2 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 52.9   | U         | 52.9   | 84.2 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 170  | 210        | ug/Kg     |
| 129-00-0          | Pyrene                     | 53.7   | U         | 53.7   | 84.2 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 62.7   | U         | 62.7   | 84.2 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 63.8   | U         | 63.8   | 170  | 210        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 52.3   | U         | 52.3   | 84.2 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 51.5   | U         | 51.5   | 84.2 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 58.9   | U         | 58.9   | 84.2 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 71.2   | U         | 71.2   | 170  | 210        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 52.5   | U         | 52.5   | 84.2 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 53.5   | U         | 53.5   | 84.2 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 60.2   | U         | 60.2   | 84.2 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 50.6   | U         | 50.6   | 84.2 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 52.6   | U         | 52.6   | 84.2 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 51.9   | U         | 51.9   | 84.2 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 56.2   | U         | 56.2   | 84.2 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 71.2   | U         | 71.2   | 84.2 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 48.4   | U         | 48.4   | 84.2 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 53.9   | U         | 53.9   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 80.467 |           | 18-112 |      | 54         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 80.871 |           | 15-107 |      | 54         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 52.05  |           | 18-107 |      | 52         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 51.341 |           | 20-109 |      | 51         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | TP-15      | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2513-07   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 7.4                   |
| 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 |
| BF137966.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 85.243 |           | 10-110 |     | 57         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 51.94  |           | 14-112 |     | 52         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 141682 | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 555868 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 315866 | 10.08     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 541550 | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 314814 | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 341521 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 1100   | J         |        |     | 2.393      |           |
|                                       | unknown3.669                | 43.6   | J         |        |     | 3.669      |           |
| 000057-10-3                           | n-Hexadecanoic acid         | 66.3   | J         |        |     | 12.08      |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-09   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| 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 |
| BF137967.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58.6  | U         | 58.6 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 54    | U         | 54   | 87.8 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 65.4  | U         | 65.4 | 87.8 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 56    | U         | 56   | 87.8 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56.5  | U         | 56.5 | 87.8 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 56.4  | U         | 56.4 | 87.8 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 57.1  | U         | 57.1 | 87.8 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 58.1  | U         | 58.1 | 87.8 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 58.4  | U         | 58.4 | 87.8 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 56    | U         | 56   | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54.4  | U         | 54.4 | 87.8 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 61.4  | U         | 61.4 | 87.8 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.7  | U         | 58.7 | 87.8 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 53.9  | U         | 53.9 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27.2  | U         | 27.2 | 54   | 54         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 56    | U         | 56   | 87.8 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 61.3  | U         | 61.3 | 87.8 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 57.1  | U         | 57.1 | 87.8 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.8  | U         | 63.8 | 87.8 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 62.9  | U         | 62.9 | 87.8 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 57.9  | U         | 57.9 | 87.8 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51    | U         | 51   | 87.8 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.7  | U         | 57.7 | 87.8 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.8  | U         | 55.8 | 87.8 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.8  | U         | 55.8 | 87.8 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56.3  | U         | 56.3 | 87.8 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-09   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| 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 |
| BF137967.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 58.6  | U         | 58.6  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 52.3  | U         | 52.3  | 87.8 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 55.7  | U         | 55.7  | 87.8 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 110   | U         | 110   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 48.2  | U         | 48.2  | 87.8 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 50    | U         | 50    | 87.8 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 59    | U         | 59    | 87.8 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 56.3  | U         | 56.3  | 87.8 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 64.2  | U         | 64.2  | 87.8 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 55.2  | U         | 55.2  | 87.8 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 58.4  | U         | 58.4  | 87.8 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 56.2  | U         | 56.2  | 87.8 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 60.2  | U         | 60.2  | 87.8 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 54.8  | U         | 54.8  | 87.8 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 894.8 | U         | 894.8 | 87.8 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 78.3  | U         | 78.3  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 57    | U         | 57    | 87.8 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 14.4  | U         | 114.4 | 87.8 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 58.2  | U         | 58.2  | 87.8 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 54.1  | U         | 54.1  | 87.8 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.8  | U         | 57.8  | 87.8 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 57.7  | U         | 57.7  | 87.8 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 72.3  | U         | 72.3  | 87.8 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 79    | U         | 79    | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 55.1  | U         | 55.1  | 87.8 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.8  | U         | 53.8  | 87.8 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 53.3  | U         | 53.3  | 87.8 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 57.4  | U         | 57.4  | 87.8 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.7  | U         | 61.7  | 87.8 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF   | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-09   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| 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 |
| BF137967.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 52.2   | U         | 52.2   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 56.7   | U         | 56.7   | 87.8 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 57     | U         | 57     | 87.8 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 54.2   | U         | 54.2   | 87.8 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 56.9   | U         | 56.9   | 87.8 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 55.2   | U         | 55.2   | 87.8 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 56     | U         | 56     | 87.8 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 65.4   | U         | 65.4   | 87.8 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 66.6   | U         | 66.6   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 54.5   | U         | 54.5   | 87.8 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 53.7   | U         | 53.7   | 87.8 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 61.4   | U         | 61.4   | 87.8 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 74.3   | U         | 74.3   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 54.8   | U         | 54.8   | 87.8 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 55.8   | U         | 55.8   | 87.8 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 62.8   | U         | 62.8   | 87.8 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 52.7   | U         | 52.7   | 87.8 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 54.8   | U         | 54.8   | 87.8 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 54.1   | U         | 54.1   | 87.8 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 58.6   | U         | 58.6   | 87.8 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 74.3   | U         | 74.3   | 87.8 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 50.4   | U         | 50.4   | 87.8 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 56.2   | U         | 56.2   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 85.999 |           | 18-112 |      | 57         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 87.916 |           | 15-107 |      | 59         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 56.411 |           | 18-107 |      | 56         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 55.562 |           | 20-109 |      | 56         | SPK: -100 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WC-MH-FF            | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2518-09            | Matrix:         | Solid                 |
| Analytical Method: | 8270E               | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.03      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 |
| BF137967.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|-----------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol        | 88.638 |           | 10-110 |     | 59         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14               | 56.483 |           | 14-112 |     | 56         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                             |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4      | 135026 | 7.039     |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8              | 528739 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10            | 302737 | 10.08     |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10            | 517984 | 11.574    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                | 292924 | 14.221    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                | 330697 | 15.786    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                             |        |           |        |     |            |           |
| 000110-82-7                           | Cyclohexane                 | 59.9   | J         |        |     | 2.169      |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl- | 1100   | J         |        |     | 2.393      |           |
| 000112-84-5                           | 13-Docosenamide, (Z)-       | 76.1   | J         |        |     | 14.986     |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.08      | 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 |
| BF137968.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 58.6  | U         | 58.6 | 180  | 220        | ug/Kg |
| 110-86-1       | Pyridine                    | 53.9  | U         | 53.9 | 87.7 | 110        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120  | 180  | 220        | ug/Kg |
| 62-53-3        | Aniline                     | 65.4  | U         | 65.4 | 87.7 | 110        | ug/Kg |
| 108-95-2       | Phenol                      | 55.9  | U         | 55.9 | 87.7 | 110        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 56.5  | U         | 56.5 | 87.7 | 110        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 56.3  | U         | 56.3 | 87.7 | 110        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 57.1  | U         | 57.1 | 87.7 | 110        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 58    | U         | 58   | 87.7 | 110        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 58.4  | U         | 58.4 | 87.7 | 110        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 56    | U         | 56   | 180  | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54.4  | U         | 54.4 | 87.7 | 110        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 61.3  | U         | 61.3 | 87.7 | 110        | ug/Kg |
| 98-86-2        | Acetophenone                | 58.6  | U         | 58.6 | 87.7 | 110        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 53.8  | U         | 53.8 | 180  | 220        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 27.2  | U         | 27.2 | 54   | 54         | ug/Kg |
| 67-72-1        | Hexachloroethane            | 56    | U         | 56   | 87.7 | 110        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 61.3  | U         | 61.3 | 87.7 | 110        | ug/Kg |
| 78-59-1        | Isophorone                  | 57.1  | U         | 57.1 | 87.7 | 110        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63.7  | U         | 63.7 | 87.7 | 110        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 62.9  | U         | 62.9 | 87.7 | 110        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 57.9  | U         | 57.9 | 87.7 | 110        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 50.9  | U         | 50.9 | 87.7 | 110        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 57.6  | U         | 57.6 | 87.7 | 110        | ug/Kg |
| 65-85-0        | Benzoic acid                | 160   | U         | 160  | 180  | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 55.7  | U         | 55.7 | 87.7 | 110        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 55.7  | U         | 55.7 | 87.7 | 110        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 56.2  | U         | 56.2 | 87.7 | 110        | ug/Kg |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.08      | 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 |
| BF137968.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL   | LOD  | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|-------|------|------------|-------|
| 105-60-2   | Caprolactam                                     | 58.6  | U         | 58.6  | 180  | 220        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 52.3  | U         | 52.3  | 87.7 | 110        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 55.7  | U         | 55.7  | 87.7 | 110        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 110   | U         | 110   | 180  | 220        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 48.2  | U         | 48.2  | 87.7 | 110        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 49.9  | U         | 49.9  | 87.7 | 110        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 59    | U         | 59    | 87.7 | 110        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 56.2  | U         | 56.2  | 87.7 | 110        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 64.1  | U         | 64.1  | 87.7 | 110        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 55.1  | U         | 55.1  | 87.7 | 110        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 58.4  | U         | 58.4  | 87.7 | 110        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 56.1  | U         | 56.1  | 87.7 | 110        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 60.2  | U         | 60.2  | 87.7 | 110        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 130   |           | 54.7  | 87.7 | 110        | ug/Kg |
| Total PAH  | Total PAH                                       | 12940 |           | 893.8 | 87.7 | 1760       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 160   | U         | 160   | 180  | 220        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 78.3  | U         | 78.3  | 180  | 220        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 56.9  | U         | 56.9  | 87.7 | 110        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 14.3  | U         | 114.3 | 87.7 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 58.2  | U         | 58.2  | 87.7 | 110        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 54    | U         | 54    | 87.7 | 110        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 57.7  | U         | 57.7  | 87.7 | 110        | ug/Kg |
| 86-73-7    | Fluorene                                        | 100   | J         | 57.7  | 87.7 | 110        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 72.2  | U         | 72.2  | 87.7 | 110        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 78.9  | U         | 78.9  | 180  | 220        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 55    | U         | 55    | 87.7 | 110        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 53.7  | U         | 53.7  | 87.7 | 110        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 53.2  | U         | 53.2  | 87.7 | 110        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 57.3  | U         | 57.3  | 87.7 | 110        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 61.7  | U         | 61.7  | 87.7 | 110        | ug/Kg |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.08      | 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 |
| BF137968.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|------|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 52.1   | U         | 52.1   | 180  | 220        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1300   |           | 56.7   | 87.7 | 110        | ug/Kg     |
| 120-12-7          | Anthracene                 | 340    |           | 56.9   | 87.7 | 110        | ug/Kg     |
| 86-74-8           | Carbazole                  | 54.2   | U         | 54.2   | 87.7 | 110        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 56.9   | U         | 56.9   | 87.7 | 110        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1900   | E         | 55.1   | 87.7 | 110        | ug/Kg     |
| 92-87-5           | Benzidine                  | 110    | U         | 110    | 180  | 220        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1900   | E         | 56     | 87.7 | 110        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 65.3   | U         | 65.3   | 87.7 | 110        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 66.5   | U         | 66.5   | 180  | 220        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 1400   |           | 54.4   | 87.7 | 110        | ug/Kg     |
| 218-01-9          | Chrysene                   | 1300   |           | 53.6   | 87.7 | 110        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 61.4   | U         | 61.4   | 87.7 | 110        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 74.2   | U         | 74.2   | 180  | 220        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 1600   |           | 54.7   | 87.7 | 110        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 410    |           | 55.7   | 87.7 | 110        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 1300   |           | 62.7   | 87.7 | 110        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 530    |           | 52.7   | 87.7 | 110        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 180    |           | 54.8   | 87.7 | 110        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 550    |           | 54     | 87.7 | 110        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 58.6   | U         | 58.6   | 87.7 | 110        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 74.2   | U         | 74.2   | 87.7 | 110        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 50.4   | U         | 50.4   | 87.7 | 110        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 56.1   | U         | 56.1   | 110  | 110        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |      |            |           |
| 367-12-4          | 2-Fluorophenol             | 64.504 |           | 18-112 |      | 43         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 64.066 |           | 15-107 |      | 43         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 41.214 |           | 18-107 |      | 41         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 42.122 |           | 20-109 |      | 42         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.08      | 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 |
| BF137968.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 64.893 |           | 10-110 |     | 43         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 40.063 |           | 14-112 |     | 40         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 146754 | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 573199 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 321354 | 10.081    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 541421 | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 301703 | 14.233    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 360718 | 15.798    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 970    | J         |        |     | 2.381      |           |
| 001136-22-7                           | Dibenz[c,e]oxepin, 5,7-dihydro-    | 110    | J         |        |     | 11.422     |           |
| 000233-02-3                           | Naphtho[2,1-b]thiophene            | 120    | J         |        |     | 11.475     |           |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 390    | J         |        |     | 12.08      |           |
| 000832-69-9                           | Phenanthrene, 1-methyl-            | 440    | J         |        |     | 12.11      |           |
| 000949-41-7                           | 1H-Cyclopropa[l]phenanthrene,1a,9b | 210    | J         |        |     | 12.157     |           |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 590    | J         |        |     | 12.192     |           |
| 000613-12-7                           | Anthracene, 2-methyl-              | 260    | J         |        |     | 12.216     |           |
| 005672-97-9                           | 5,16[1,2]:8,13[1,2]-Dibenzen       | 190    | J         |        |     | 12.374     |           |
| 000084-65-1                           | 9,10-Anthracenedione               | 150    | J         |        |     | 12.398     |           |
| 003674-69-9                           | Phenanthrene, 4,5-dimethyl-        | 180    | J         |        |     | 12.522     |           |
| 003674-66-6                           | Phenanthrene, 2,5-dimethyl-        | 400    | J         |        |     | 12.633     |           |
|                                       | unknown12.669                      | 290    | J         |        |     | 12.669     |           |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 280    | J         |        |     | 12.722     |           |
|                                       | unknown15.145                      | 180    | J         |        |     | 15.145     |           |
| 000192-97-2                           | Benzo[e]pyrene                     | 220    | J         |        |     | 15.439     |           |
| 000198-55-0                           | Perylene                           | 830    | J         |        |     | 15.663     |           |
| 000215-58-7                           | Benzo[b]triphenylene               | 130    | J         |        |     | 17.615     |           |
| 000213-46-7                           | Picene                             | 110    | J         |        |     | 17.68      |           |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/16/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/16/2024 12:00:00 AM |
| Client Sample ID:  | WCS-TPJ    | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2512-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.2                  |
| Sample Wt/Vol:     | 50.08      | 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 |
| BF137968.D        | 1         | 5/17/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160974      |

| CAS Number  | Parameter                | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|--------------------------|-------|-----------|-----|-----|------------|-------|
| 000191-26-4 | Dibenzo[def,mno]chrysene | 150   | J         |     |     | 18.174     |       |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WC-A-COMP  | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2487-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.7                  |
| 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 |
| BF137969.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 62-75-9        | n-Nitrosodimethylamine      | 98.1  | U         | 98.1 | 310  | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 90.3  | U         | 90.3 | 150  | 190        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 210   | U         | 210  | 310  | 370        | ug/Kg |
| 62-53-3        | Aniline                     | 110   | U         | 110  | 150  | 190        | ug/Kg |
| 108-95-2       | Phenol                      | 93.7  | U         | 93.7 | 150  | 190        | ug/Kg |
| 111-44-4       | bis(2-Chloroethyl)ether     | 94.6  | U         | 94.6 | 150  | 190        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 94.4  | U         | 94.4 | 150  | 190        | ug/Kg |
| 95-50-1        | 1,2-Dichlorobenzene         | 95.7  | U         | 95.7 | 150  | 190        | ug/Kg |
| 541-73-1       | 1,3-Dichlorobenzene         | 97.2  | U         | 97.2 | 150  | 190        | ug/Kg |
| 106-46-7       | 1,4-Dichlorobenzene         | 97.8  | U         | 97.8 | 150  | 190        | ug/Kg |
| 100-51-6       | Benzyl Alcohol              | 93.8  | U         | 93.8 | 310  | 370        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 91.1  | U         | 91.1 | 150  | 190        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 100   | U         | 100  | 150  | 190        | ug/Kg |
| 98-86-2        | Acetophenone                | 98.3  | U         | 98.3 | 150  | 190        | ug/Kg |
| 65794-96-9     | 3+4-Methylphenols           | 90.2  | U         | 90.2 | 310  | 370        | ug/Kg |
| 621-64-7       | n-Nitroso-di-n-propylamine  | 45.6  | U         | 45.6 | 90.4 | 90.4       | ug/Kg |
| 67-72-1        | Hexachloroethane            | 93.8  | U         | 93.8 | 150  | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 100   | U         | 100  | 150  | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 95.7  | U         | 95.7 | 150  | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 110   | U         | 110  | 150  | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 110   | U         | 110  | 150  | 190        | ug/Kg |
| 111-91-1       | bis(2-Chloroethoxy)methane  | 97    | U         | 97   | 150  | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 85.4  | U         | 85.4 | 150  | 190        | ug/Kg |
| 120-82-1       | 1,2,4-Trichlorobenzene      | 96.6  | U         | 96.6 | 150  | 190        | ug/Kg |
| 65-85-0        | Benzoic acid                | 270   | U         | 270  | 310  | 370        | ug/Kg |
| 91-20-3        | Naphthalene                 | 93.4  | U         | 93.4 | 150  | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 93.4  | U         | 93.4 | 150  | 190        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 94.2  | U         | 94.2 | 150  | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WC-A-COMP              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2487-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 11.7                  |
| 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 |
| BF137969.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number | Parameter                                       | Conc. | Qualifier | MDL    | LOD | LOQ / CRQL | Units |
|------------|-------------------------------------------------|-------|-----------|--------|-----|------------|-------|
| 105-60-2   | Caprolactam                                     | 98.1  | U         | 98.1   | 310 | 370        | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol                         | 87.6  | U         | 87.6   | 150 | 190        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene                             | 93.3  | U         | 93.3   | 150 | 190        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene                       | 180   | U         | 180    | 310 | 370        | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol                           | 80.7  | U         | 80.7   | 150 | 190        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol                           | 83.7  | U         | 83.7   | 150 | 190        | ug/Kg |
| 92-52-4    | 1,1-Biphenyl                                    | 98.8  | U         | 98.8   | 150 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene                             | 94.2  | U         | 94.2   | 150 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline                                  | 110   | U         | 110    | 150 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate                               | 92.4  | U         | 92.4   | 150 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene                                  | 97.8  | U         | 97.8   | 150 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene                              | 94.1  | U         | 94.1   | 150 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline                                  | 100   | U         | 100    | 150 | 190        | ug/Kg |
| 83-32-9    | Acenaphthene                                    | 130   | J         | 91.7   | 150 | 190        | ug/Kg |
| Total PAH  | Total PAH                                       | 9330  |           | 1503.1 | 150 | 3040       | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol                               | 270   | U         | 270    | 310 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol                                   | 130   | U         | 130    | 310 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran                                    | 95.4  | U         | 95.4   | 150 | 190        | ug/Kg |
| 25321-14-6 | 2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture) | 191.6 | U         | 191.6  | 150 | 380        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene                              | 97.5  | U         | 97.5   | 150 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate                                | 90.6  | U         | 90.6   | 150 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether                      | 96.8  | U         | 96.8   | 150 | 190        | ug/Kg |
| 86-73-7    | Fluorene                                        | 140   | J         | 96.7   | 150 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline                                  | 120   | U         | 120    | 150 | 190        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol                      | 130   | U         | 130    | 310 | 370        | ug/Kg |
| 86-30-6    | n-Nitrosodiphenylamine                          | 92.3  | U         | 92.3   | 150 | 190        | ug/Kg |
| 103-33-3   | Azobenzene                                      | 90    | U         | 90     | 150 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether                       | 89.2  | U         | 89.2   | 150 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene                               | 96.1  | U         | 96.1   | 150 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                                        | 100   | U         | 100    | 150 | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WC-A-COMP              | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2487-01               | Matrix:         | Solid                 |
| Analytical Method: | 8270E                  | % Moisture:     | 11.7                  |
| 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 |
| BF137969.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number        | Parameter                  | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|-------------------|----------------------------|--------|-----------|--------|-----|------------|-----------|
| 87-86-5           | Pentachlorophenol          | 87.4   | U         | 87.4   | 310 | 370        | ug/Kg     |
| 85-01-8           | Phenanthrene               | 1600   |           | 95     | 150 | 190        | ug/Kg     |
| 120-12-7          | Anthracene                 | 340    |           | 95.4   | 150 | 190        | ug/Kg     |
| 86-74-8           | Carbazole                  | 130    | J         | 90.8   | 150 | 190        | ug/Kg     |
| 84-74-2           | Di-n-butylphthalate        | 95.3   | U         | 95.3   | 150 | 190        | ug/Kg     |
| 206-44-0          | Fluoranthene               | 1600   |           | 92.4   | 150 | 190        | ug/Kg     |
| 92-87-5           | Benzidine                  | 180    | U         | 180    | 310 | 370        | ug/Kg     |
| 129-00-0          | Pyrene                     | 1300   |           | 93.8   | 150 | 190        | ug/Kg     |
| 85-68-7           | Butylbenzylphthalate       | 110    | U         | 110    | 150 | 190        | ug/Kg     |
| 91-94-1           | 3,3-Dichlorobenzidine      | 110    | U         | 110    | 310 | 370        | ug/Kg     |
| 56-55-3           | Benzo(a)anthracene         | 870    |           | 91.2   | 150 | 190        | ug/Kg     |
| 218-01-9          | Chrysene                   | 840    |           | 89.9   | 150 | 190        | ug/Kg     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate | 100    | U         | 100    | 150 | 190        | ug/Kg     |
| 117-84-0          | Di-n-octyl phthalate       | 120    | U         | 120    | 310 | 370        | ug/Kg     |
| 205-99-2          | Benzo(b)fluoranthene       | 930    |           | 91.7   | 150 | 190        | ug/Kg     |
| 207-08-9          | Benzo(k)fluoranthene       | 270    |           | 93.4   | 150 | 190        | ug/Kg     |
| 50-32-8           | Benzo(a)pyrene             | 780    |           | 110    | 150 | 190        | ug/Kg     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene     | 260    |           | 88.3   | 150 | 190        | ug/Kg     |
| 53-70-3           | Dibenzo(a,h)anthracene     | 91.8   | U         | 91.8   | 150 | 190        | ug/Kg     |
| 191-24-2          | Benzo(g,h,i)perylene       | 270    |           | 90.6   | 150 | 190        | ug/Kg     |
| 95-94-3           | 1,2,4,5-Tetrachlorobenzene | 98.1   | U         | 98.1   | 150 | 190        | ug/Kg     |
| 123-91-1          | 1,4-Dioxane                | 120    | U         | 120    | 150 | 190        | ug/Kg     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol  | 84.5   | U         | 84.5   | 150 | 190        | ug/Kg     |
| 90-12-0           | 1-Methylnaphthalene        | 94.1   | U         | 94.1   | 190 | 190        | ug/Kg     |
| <b>SURROGATES</b> |                            |        |           |        |     |            |           |
| 367-12-4          | 2-Fluorophenol             | 91.32  |           | 18-112 |     | 61         | SPK: -150 |
| 13127-88-3        | Phenol-d6                  | 93.577 |           | 15-107 |     | 62         | SPK: -150 |
| 4165-60-0         | Nitrobenzene-d5            | 63.73  |           | 18-107 |     | 64         | SPK: -100 |
| 321-60-8          | 2-Fluorobiphenyl           | 64.856 |           | 20-109 |     | 65         | SPK: -100 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WC-A-COMP  | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2487-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.7                  |
| 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 |
| BF137969.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units     |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|-----------|
| 118-79-6                              | 2,4,6-Tribromophenol               | 92.562 |           | 10-110 |     | 62         | SPK: -150 |
| 1718-51-0                             | Terphenyl-d14                      | 52.135 |           | 14-112 |     | 52         | SPK: -100 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |           |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 137973 | 7.04      |        |     |            |           |
| 1146-65-2                             | Naphthalene-d8                     | 522025 | 8.322     |        |     |            |           |
| 15067-26-2                            | Acenaphthene-d10                   | 292222 | 10.081    |        |     |            |           |
| 1517-22-2                             | Phenanthrene-d10                   | 439368 | 11.575    |        |     |            |           |
| 1719-03-5                             | Chrysene-d12                       | 292365 | 14.227    |        |     |            |           |
| 1520-96-3                             | Perylene-d12                       | 331272 | 15.798    |        |     |            |           |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |           |
| 000994-05-8                           | Butane, 2-methoxy-2-methyl-        | 1200   | J         |        |     | 2.381      |           |
| 001430-97-3                           | 9H-Fluorene, 2-methyl-             | 90.4   | J         |        |     | 11.181     |           |
| 000486-25-9                           | 9H-Fluoren-9-one                   | 85.2   | J         |        |     | 11.375     |           |
| 036393-42-7                           | 4-(4-Methylphenyl)benzaldehyde     | 87.8   | J         |        |     | 11.416     |           |
| 000233-02-3                           | Naphtho[2,1-b]thiophene            | 91.2   | J         |        |     | 11.475     |           |
| 000949-41-7                           | 1H-Cyclopropa[1]phenanthrene,1a,9b | 360    | J         |        |     | 12.08      |           |
| 002531-84-2                           | Phenanthrene, 2-methyl-            | 300    | J         |        |     | 12.104     |           |
| 000610-48-0                           | Anthracene, 1-methyl-              | 110    | J         |        |     | 12.151     |           |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 390    | J         |        |     | 12.192     |           |
| 000832-64-4                           | Phenanthrene, 4-methyl-            | 140    | J         |        |     | 12.21      |           |
| 000612-94-2                           | Naphthalene, 2-phenyl-             | 150    | J         |        |     | 12.374     |           |
| 000084-65-1                           | 9,10-Anthracenedione               | 110    | J         |        |     | 12.398     |           |
| 000483-87-4                           | Phenanthrene, 1,7-dimethyl-        | 160    | J         |        |     | 12.628     |           |
|                                       | unknown12.669                      | 100    | J         |        |     | 12.669     |           |
| 005737-13-3                           | Cyclopenta(def)phenanthrenone      | 130    | J         |        |     | 12.716     |           |
| 000206-49-5                           | Acenaphtho(1,2-b)pyridine          | 97.2   | J         |        |     | 12.857     |           |
| 002381-21-7                           | Pyrene, 1-methyl-                  | 97.6   | J         |        |     | 13.239     |           |
| 000243-17-4                           | 11H-Benzo[b]fluorene               | 93.8   | J         |        |     | 13.351     |           |
| 003353-12-6                           | Pyrene, 4-methyl-                  | 94.6   | J         |        |     | 13.457     |           |



## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 5/15/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 5/15/2024 12:00:00 AM |
| Client Sample ID:  | WC-A-COMP  | SDG No.:        | BF052024              |
| Lab Sample ID:     | P2487-01   | Matrix:         | Solid                 |
| Analytical Method: | 8270E      | % Moisture:     | 11.7                  |
| 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 |
| BF137969.D        | 1         | 5/20/2024 12:00:00 AM | 5/20/2024 12:00:00 AM | PB160998      |

| CAS Number  | Parameter      | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|----------------|-------|-----------|-----|-----|------------|-------|
| 000192-97-2 | Benzo[e]pyrene | 560   | J         |     |     | 15.657     |       |



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

### Hit Summary Sheet SW-846

SDG No.: BF052024

Client:

| Sample ID                    | Client ID | Matrix | Parameter                        | Concentration | C               | MDL | RDL              | Units |
|------------------------------|-----------|--------|----------------------------------|---------------|-----------------|-----|------------------|-------|
| <b>Client ID : WC-A-COMP</b> |           |        |                                  |               |                 |     |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 11H-Benzo[b]fluorene             | *             | 93.800          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 1H-Cyclopropa[l]phenanthrene, 1a | *             | 360.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 4-(4-Methylphenyl)benzaldehyde   | *             | 87.800          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 4H-Cyclopenta[def]phenanthrene   | *             | 390.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 9,10-Anthracenedione             | *             | 110.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 9H-Fluoren-9-one                 | *             | 85.200          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | 9H-Fluorene, 2-methyl-           | *             | 90.400          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Acenaphtho(1,2-b)pyridine        | *             | 97.200          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Anthracene, 1-methyl-            | *             | 110.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Benzo[e]pyrene                   | *             | 560.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Butane, 2-methoxy-2-methyl-      | *             | 1,200.000       | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Cyclopenta(def)phenanthrenone    | *             | 130.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Naphthalene, 2-phenyl-           | *             | 150.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Naphtho[2,1-b]thiophene          | *             | 91.200          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Phenanthrene, 1,7-dimethyl-      | *             | 160.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Phenanthrene, 2-methyl-          | *             | 300.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Phenanthrene, 4-methyl-          | *             | 140.000         | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Pyrene, 1-methyl-                | *             | 97.600          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Pyrene, 4-methyl-                | *             | 94.600          | J   |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | unknown12.669                    | *             | 100.000         | J   |                  |       |
| <b>Total Tics :</b>          |           |        |                                  |               | <b>4,447.80</b> |     |                  |       |
| P2487-01                     | WC-A-COMP | Solid  | Acenaphthene                     |               | 130.000         | J   | 91.7             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Anthracene                       |               | 340.000         |     | 95.4             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Benzo(a)anthracene               |               | 870.000         |     | 91.2             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Benzo(a)pyrene                   |               | 780.000         |     | 110              | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Benzo(b)fluoranthene             |               | 930.000         |     | 91.7             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Benzo(g,h,i)perylene             |               | 270.000         |     | 90.6             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Benzo(k)fluoranthene             |               | 270.000         |     | 93.4             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Carbazole                        |               | 130.000         | J   | 90.8             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Chrysene                         |               | 840.000         |     | 89.9             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Fluoranthene                     |               | 1,600.000       |     | 92.4             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Fluorene                         |               | 140.000         | J   | 96.7             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Indeno(1,2,3-cd)pyrene           |               | 260.000         |     | 88.3             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Phenanthrene                     |               | 1,600.000       |     | 95               | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Pyrene                           |               | 1,300.000       |     | 93.8             | ug/Kg |
| P2487-01                     | WC-A-COMP | Solid  | Total PAH                        |               | 9,330.000       |     | 1503.1           | ug/Kg |
| <b>Total Svoc :</b>          |           |        |                                  |               |                 |     | <b>18,790.00</b> |       |

### Hit Summary Sheet SW-846

SDG No.: BF052024

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C | MDL   | RDL  | Units |
|----------------------|-----------|--------|-----------------------------------|---------------|---|-------|------|-------|
| Total Concentration: |           |        |                                   | 23,237.80     |   |       |      |       |
| Client ID : WCS-TPJ  |           |        |                                   |               |   |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | 1H-Cyclopropa[l]phenanthrene,1a * | 210.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | 4H-Cyclopenta[def]phenanthrene *  | 590.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | 5,16[1,2]:8,13[1,2]-Dibenzen *    | 190.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | 9,10-Anthracenedione *            | 150.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Anthracene, 2-methyl-             | 260.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Benzo[b]triphenylene *            | 130.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Benzo[e]pyrene *                  | 220.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Butane, 2-methoxy-2-methyl-       | 970.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Cyclopenta(def)phenanthrenone *   | 280.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Dibenz[c,e]oxepin, 5,7-dihydro-   | 110.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Dibenzo[def,mno]chrysene *        | 150.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Naphtho[2,1-b]thiophene *         | 120.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Perylene *                        | 830.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Phenanthrene, 1-methyl-           | 440.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Phenanthrene, 2,5-dimethyl-       | 400.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Phenanthrene, 2-methyl-           | 390.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Phenanthrene, 4,5-dimethyl-       | 180.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Picene *                          | 110.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | unknown12.669                     | 290.000       | J |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | unknown15.145                     | 180.000       | J |       |      |       |
| Total Tics :         |           |        |                                   | 6,200.00      |   |       |      |       |
| P2512-01             | WCS-TPJ   | Solid  | Acenaphthene                      | 130.000       |   | 54.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Anthracene                        | 340.000       |   | 56.9  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Benzo(a)anthracene                | 1,400.000     |   | 54.4  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Benzo(a)pyrene                    | 1,300.000     |   | 62.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Benzo(b)fluoranthene              | 1,600.000     |   | 54.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Benzo(g,h,i)perylene              | 550.000       |   | 54    | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Benzo(k)fluoranthene              | 410.000       |   | 55.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Chrysene                          | 1,300.000     |   | 53.6  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Dibenzo(a,h)anthracene            | 180.000       |   | 54.8  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Fluoranthene                      | 1,900.000     | E | 55.1  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Fluorene                          | 100.000       | J | 57.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Indeno(1,2,3-cd)pyrene            | 530.000       |   | 52.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Phenanthrene                      | 1,300.000     |   | 56.7  | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Pyrene                            | 1,900.000     | E | 56    | 110  | ug/Kg |
| P2512-01             | WCS-TPJ   | Solid  | Total PAH                         | 12,940.000    |   | 893.8 | 1760 | ug/Kg |
| Total Svoc :         |           |        |                                   | 25,880.00     |   |       |      |       |

### Hit Summary Sheet SW-846

SDG No.: BF052024

Client:

| Sample ID            | Client ID | Matrix | Parameter                                          | Concentration | C         | MDL | RDL  | Units     |
|----------------------|-----------|--------|----------------------------------------------------|---------------|-----------|-----|------|-----------|
| Total Concentration: |           |        |                                                    | 32,080.00     |           |     |      |           |
| Client ID :          | WCS-TPI   |        |                                                    |               |           |     |      |           |
| P2512-05             | WCS-TPI   | Solid  | (3S,6aR,6bR,8aR,14bR)-3-methoxy-2-methyl-2-butanol | *             | 44.800    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | 9-Octadecenamide, (Z)-                             | *             | 92.200    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | Benzo[e]pyrene                                     | *             | 46.100    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | Butane, 2-methoxy-2-methyl-                        | *             | 1,200.000 | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | Heptadecane                                        | *             | 81.900    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | n-Hexadecanoic acid                                | *             | 65.700    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | Pentadecane                                        | *             | 43.900    | J   |      |           |
| P2512-05             | WCS-TPI   | Solid  | Perylene                                           | *             | 150.000   | J   |      |           |
| Total Tics :         |           |        |                                                    | 1,724.60      |           |     |      |           |
| P2512-05             | WCS-TPI   | Solid  | Benzo(a)anthracene                                 |               | 160.000   |     | 53.2 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Benzo(a)pyrene                                     |               | 230.000   |     | 61.3 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Benzo(b)fluoranthene                               |               | 260.000   |     | 53.4 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Benzo(g,h,i)perylene                               |               | 130.000   |     | 52.8 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Benzo(k)fluoranthene                               |               | 87.100    | J   | 54.4 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Chrysene                                           |               | 170.000   |     | 52.4 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Fluoranthene                                       |               | 220.000   |     | 53.8 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Indeno(1,2,3-cd)pyrene                             |               | 120.000   |     | 51.5 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Phenanthrene                                       |               | 58.300    | J   | 55.3 | 110 ug/Kg |
| P2512-05             | WCS-TPI   | Solid  | Pyrene                                             |               | 240.000   |     | 54.7 | 110 ug/Kg |
| Total Svoc :         |           |        |                                                    | 1,675.40      |           |     |      |           |
| Total Concentration: |           |        |                                                    | 3,400.00      |           |     |      |           |
| Client ID :          | TP-15     |        |                                                    |               |           |     |      |           |
| P2513-07             | TP-15     | Solid  | Butane, 2-methoxy-2-methyl-                        | *             | 1,100.000 | J   |      |           |
| P2513-07             | TP-15     | Solid  | n-Hexadecanoic acid                                | *             | 66.300    | J   |      |           |
| P2513-07             | TP-15     | Solid  | unknown3.669                                       | *             | 43.600    | J   |      |           |
| Total Tics :         |           |        |                                                    | 1,209.90      |           |     |      |           |
| Total Concentration: |           |        |                                                    | 1,209.90      |           |     |      |           |
| Client ID :          | TP-16     |        |                                                    |               |           |     |      |           |
| P2513-10             | TP-16     | Solid  | Butane, 2-methoxy-2-methyl-                        | *             | 1,100.000 | J   |      |           |
| P2513-10             | TP-16     | Solid  | n-Hexadecanoic acid                                | *             | 57.300    | J   |      |           |
| Total Tics :         |           |        |                                                    | 1,157.30      |           |     |      |           |
| Total Concentration: |           |        |                                                    | 1,157.30      |           |     |      |           |
| Client ID :          | TP-17     |        |                                                    |               |           |     |      |           |
| P2513-13             | TP-17     | Solid  | Butane, 2-methoxy-2-methyl-                        | *             | 1,100.000 | J   |      |           |
| P2513-13             | TP-17     | Solid  | n-Hexadecanoic acid                                | *             | 84.600    | J   |      |           |
| Total Tics :         |           |        |                                                    | 1,184.60      |           |     |      |           |

### Hit Summary Sheet SW-846

SDG No.: BF052024

Client:

| Sample ID            | Client ID | Matrix | Parameter                      | Concentration | C         | MDL | RDL | Units |
|----------------------|-----------|--------|--------------------------------|---------------|-----------|-----|-----|-------|
| Total Concentration: |           |        |                                | 1,184.60      |           |     |     |       |
| Client ID :          | WC-MH-LL  |        |                                |               |           |     |     |       |
| P2518-05             | WC-MH-LL  | Solid  | 1-Tridecanethiol               | *             | 52.600    | J   |     |       |
| P2518-05             | WC-MH-LL  | Solid  | Butane, 2-methoxy-2-methyl-    | *             | 960.000   | J   |     |       |
| P2518-05             | WC-MH-LL  | Solid  | Hexacosane                     | *             | 64.400    | J   |     |       |
| P2518-05             | WC-MH-LL  | Solid  | unknown18.604                  | *             | 45.800    | J   |     |       |
| Total Tics :         |           |        |                                | 1,122.80      |           |     |     |       |
| Total Concentration: |           |        |                                | 1,122.80      |           |     |     |       |
| Client ID :          | WC-MH-FF  |        |                                |               |           |     |     |       |
| P2518-09             | WC-MH-FF  | Solid  | 13-Docosenamide, (Z)-          | *             | 76.100    | J   |     |       |
| P2518-09             | WC-MH-FF  | Solid  | Butane, 2-methoxy-2-methyl-    | *             | 1,100.000 | J   |     |       |
| P2518-09             | WC-MH-FF  | Solid  | Cyclohexane                    | *             | 59.900    | J   |     |       |
| Total Tics :         |           |        |                                | 1,236.00      |           |     |     |       |
| Total Concentration: |           |        |                                | 1,236.00      |           |     |     |       |
| Client ID :          | WCS-TPN   |        |                                |               |           |     |     |       |
| P2527-01             | WCS-TPN   | Solid  | 2,6,10-Trimethyltridecane      | *             | 48.200    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Butane, 2-methoxy-2-methyl-    | *             | 1,500.000 | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Eicosane                       | *             | 53.800    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Heptadecane                    | *             | 70.300    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Hexadecane                     | *             | 92.400    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | n-Hexadecanoic acid            | *             | 110.000   | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Nonadecane                     | *             | 73.700    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Pentacosane                    | *             | 68.500    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Pentadecane, 2,6,10-trimethyl- | *             | 46.000    | J   |     |       |
| P2527-01             | WCS-TPN   | Solid  | Tetradecane                    | *             | 140.000   | J   |     |       |
| Total Tics :         |           |        |                                | 2,202.90      |           |     |     |       |
| Total Concentration: |           |        |                                | 2,202.90      |           |     |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/14/2024 : \_\_\_\_\_  
Calibration Time(s): 11:17 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRF2.5 = BF137910.D |        |        | RRF005 = BF137911.D |        | RRF010 = BF137912.D |       |
|                             |        | RRF020 = BF137913.D |        |        | RRF040 = BF137914.D |        | RRF050 = BF137915.D |       |
| COMPOUND                    | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| n-Nitrosodimethylamine      |        | 0.503               | 0.501  | 0.516  | 0.496               | 0.495  | 0.505               | 1.8   |
| Pyridine                    |        | 1.050               | 1.087  | 1.182  | 1.160               | 1.147  | 1.144               | 4.8   |
| 2-Fluorophenol              |        | 1.264               | 1.212  | 1.237  | 1.157               | 1.118  | 1.177               | 5.3   |
| Benzaldehyde                |        |                     | 0.935  | 0.905  | 0.788               | 0.736  | 0.785               | 14.7  |
| Aniline                     |        | 1.265               | 1.259  | 1.333  | 1.293               | 1.279  | 1.297               | 2.5   |
| Phenol-d6                   |        | 1.601               | 1.511  | 1.525  | 1.414               | 1.372  | 1.450               | 6.6   |
| Phenol                      |        | 1.587               | 1.517  | 1.527  | 1.439               | 1.402  | 1.464               | 5.5   |
| bis(2-Chloroethyl)ether     |        | 1.203               | 1.148  | 1.170  | 1.107               | 1.078  | 1.124               | 4.5   |
| 2-Chlorophenol              |        | 1.371               | 1.316  | 1.334  | 1.260               | 1.207  | 1.274               | 5.3   |
| 1,2-Dichlorobenzene         |        | 1.540               | 1.467  | 1.475  | 1.359               | 1.309  | 1.393               | 7.2   |
| 1,3-Dichlorobenzene         |        | 1.596               | 1.525  | 1.567  | 1.446               | 1.396  | 1.474               | 6.0   |
| 1,4-Dichlorobenzene         |        | 1.598               | 1.533  | 1.567  | 1.452               | 1.404  | 1.480               | 5.8   |
| Benzyl Alcohol              |        | 1.024               | 0.995  | 1.045  | 1.012               | 0.980  | 1.005               | 2.4   |
| 2-Methylphenol              |        | 1.071               | 1.033  | 1.054  | 1.003               | 0.977  | 1.016               | 3.6   |
| 2,2-oxybis(1-Chloropropane) |        | 1.475               | 1.427  | 1.444  | 1.371               | 1.317  | 1.382               | 4.9   |
| Acetophenone                |        | 0.481               | 0.467  | 0.474  | 0.431               | 0.431  | 0.448               | 5.5   |
| 3+4-Methylphenols           |        | 1.456               | 1.382  | 1.411  | 1.315               | 1.261  | 1.331               | 6.5   |
| n-Nitroso-di-n-propylamine  | 0.856  | 0.851               | 0.841  | 0.846  | 0.801               | 0.770  | 0.815               | 4.7   |
| Nitrobenzene-d5             |        | 0.345               | 0.344  | 0.358  | 0.332               | 0.331  | 0.340               | 2.9   |
| Hexachloroethane            |        | 0.524               | 0.500  | 0.531  | 0.500               | 0.480  | 0.501               | 4.1   |
| Nitrobenzene                |        | 0.350               | 0.352  | 0.361  | 0.337               | 0.337  | 0.345               | 2.8   |
| Isophorone                  |        | 0.611               | 0.592  | 0.616  | 0.577               | 0.572  | 0.590               | 3.0   |
| 2-Nitrophenol               |        | 0.159               | 0.166  | 0.179  | 0.175               | 0.177  | 0.173               | 4.5   |
| 2,4-Dimethylphenol          |        | 0.226               | 0.220  | 0.232  | 0.220               | 0.221  | 0.223               | 2.0   |
| bis(2-Chloroethoxy)methane  |        | 0.380               | 0.365  | 0.377  | 0.346               | 0.343  | 0.357               | 4.6   |
| 2,4-Dichlorophenol          |        | 0.273               | 0.283  | 0.296  | 0.280               | 0.274  | 0.280               | 2.8   |
| 1,2,4-Trichlorobenzene      |        | 0.334               | 0.316  | 0.329  | 0.304               | 0.300  | 0.313               | 4.4   |
| Benzoic acid                |        |                     | 0.148  | 0.177  | 0.190               | 0.195  | 0.189               | 12.9  |
| Naphthalene                 |        | 1.086               | 1.042  | 1.070  | 0.976               | 0.953  | 1.006               | 5.8   |
| 4-Chloroaniline             |        | 0.317               | 0.327  | 0.342  | 0.329               | 0.327  | 0.330               | 2.3   |
| Hexachlorobutadiene         |        | 0.208               | 0.201  | 0.207  | 0.193               | 0.193  | 0.198               | 3.5   |
| Caprolactam                 |        | 0.080               | 0.080  | 0.081  | 0.083               | 0.079  | 0.081               | 2.3   |
| 4-Chloro-3-methylphenol     |        | 0.287               | 0.286  | 0.300  | 0.283               | 0.275  | 0.285               | 2.7   |
| 2-Methylnaphthalene         |        | 0.709               | 0.672  | 0.681  | 0.627               | 0.617  | 0.646               | 6.3   |
| Hexachlorocyclopentadiene   |        | 0.171               | 0.176  | 0.210  | 0.213               | 0.220  | 0.207               | 11.4  |
| 2,4,6-Trichlorophenol       |        | 0.359               | 0.354  | 0.373  | 0.350               | 0.349  | 0.357               | 2.3   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/14/2024 : \_\_\_\_\_  
Calibration Time(s): 11:17 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF137910.D |        |        | RRF005 = BF137911.D |        | RRF010 = BF137912.D |       |
|                            |        | RRF020 = BF137913.D |        |        | RRF040 = BF137914.D |        | RRF050 = BF137915.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| 2-Fluorobiphenyl           |        | 1.483               | 1.396  | 1.402  | 1.218               | 1.212  | 1.298               | 9.6   |
| 2,4,5-Trichlorophenol      |        | 0.393               | 0.387  | 0.407  | 0.389               | 0.380  | 0.390               | 2.2   |
| 1,1-Biphenyl               |        | 1.537               | 1.454  | 1.489  | 1.333               | 1.336  | 1.403               | 6.3   |
| 2-Chloronaphthalene        |        | 1.204               | 1.155  | 1.187  | 1.075               | 1.072  | 1.120               | 5.4   |
| 2-Nitroaniline             |        | 0.272               | 0.279  | 0.294  | 0.290               | 0.282  | 0.287               | 3.2   |
| Dimethylphthalate          |        | 1.348               | 1.294  | 1.306  | 1.227               | 1.187  | 1.254               | 4.9   |
| Acenaphthylene             |        | 1.709               | 1.646  | 1.709  | 1.575               | 1.546  | 1.610               | 4.8   |
| 2,6-Dinitrotoluene         |        | 0.286               | 0.285  | 0.298  | 0.288               | 0.282  | 0.288               | 1.7   |
| 3-Nitroaniline             |        | 0.281               | 0.274  | 0.288  | 0.284               | 0.277  | 0.281               | 1.7   |
| Acenaphthene               |        | 1.131               | 1.070  | 1.114  | 1.033               | 1.029  | 1.064               | 4.0   |
| 2,4-Dinitrophenol          |        |                     | 0.079  | 0.110  | 0.138               | 0.139  | 0.129               | 22.9  |
| 4-Nitrophenol              |        | 0.163               | 0.187  | 0.206  | 0.218               | 0.209  | 0.202               | 10.3  |
| Dibenzofuran               |        | 1.681               | 1.619  | 1.644  | 1.497               | 1.464  | 1.549               | 6.2   |
| 2,4-Dinitrotoluene         |        | 0.346               | 0.371  | 0.385  | 0.385               | 0.364  | 0.372               | 3.8   |
| Diethylphthalate           |        | 1.255               | 1.208  | 1.214  | 1.165               | 1.110  | 1.171               | 4.8   |
| 4-Chlorophenyl-phenylether |        | 0.649               | 0.637  | 0.631  | 0.593               | 0.573  | 0.604               | 5.6   |
| Fluorene                   |        | 1.368               | 1.279  | 1.277  | 1.194               | 1.147  | 1.225               | 7.0   |
| 4-Nitroaniline             |        | 0.255               | 0.269  | 0.265  | 0.279               | 0.262  | 0.267               | 3.0   |
| 4,6-Dinitro-2-methylphenol |        |                     | 0.088  | 0.110  | 0.120               | 0.122  | 0.115               | 12.9  |
| n-Nitrosodiphenylamine     |        | 0.644               | 0.616  | 0.649  | 0.592               | 0.603  | 0.613               | 4.0   |
| Azobenzene                 |        | 1.144               | 1.091  | 1.118  | 1.049               | 1.009  | 1.065               | 4.9   |
| 2,4,6-Tribromophenol       |        | 0.206               | 0.203  | 0.207  | 0.205               | 0.194  | 0.202               | 2.4   |
| 4-Bromophenyl-phenylether  |        | 0.226               | 0.217  | 0.230  | 0.211               | 0.216  | 0.219               | 3.0   |
| Hexachlorobenzene          |        | 0.259               | 0.241  | 0.253  | 0.232               | 0.239  | 0.242               | 4.1   |
| Atrazine                   |        | 0.187               | 0.185  | 0.179  | 0.170               | 0.156  | 0.167               | 10.3  |
| Pentachlorophenol          |        | 0.103               | 0.129  | 0.148  | 0.153               | 0.152  | 0.142               | 13.5  |
| Phenanthrene               |        | 1.079               | 1.030  | 1.041  | 0.947               | 0.945  | 0.986               | 6.4   |
| Anthracene                 |        | 1.053               | 1.008  | 1.036  | 0.946               | 0.941  | 0.978               | 5.5   |
| Carbazole                  |        | 0.961               | 0.929  | 0.939  | 0.875               | 0.851  | 0.893               | 5.4   |
| Di-n-butylphthalate        |        | 1.027               | 1.023  | 1.020  | 1.006               | 0.955  | 0.991               | 3.5   |
| Fluoranthene               |        | 1.097               | 1.081  | 1.039  | 1.004               | 0.942  | 1.000               | 7.5   |
| Benzidine                  |        |                     | 0.115  | 0.118  | 0.373               | 0.324  | 0.261               | 43.6  |
| Pyrene                     |        | 1.711               | 1.660  | 1.888  | 1.661               | 1.739  | 1.749               | 4.8   |
| Terphenyl-d14              |        | 1.416               | 1.330  | 1.458  | 1.280               | 1.332  | 1.357               | 4.5   |
| Butylbenzylphthalate       |        | 0.478               | 0.493  | 0.526  | 0.550               | 0.535  | 0.528               | 6.0   |
| 3,3-Dichlorobenzidine      |        | 0.301               | 0.311  | 0.364  | 0.349               | 0.368  | 0.351               | 9.2   |

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.: BF051424 SAS No.: BF051424 SDG No.: BF051424  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 5/14/2024 : \_\_\_\_\_  
Calibration Time(s): 11:17 \_\_\_\_\_

|                            |        |                     |        |        |                     |        |                     |       |
|----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:               |        | RRF2.5 = BF137910.D |        |        | RRF005 = BF137911.D |        | RRF010 = BF137912.D |       |
|                            |        | RRF020 = BF137913.D |        |        | RRF040 = BF137914.D |        | RRF050 = BF137915.D |       |
| COMPOUND                   | RRF2.5 | RRF005              | RRF010 | RRF020 | RRF040              | RRF050 | RRF                 | % RSD |
| Benzo(a)anthracene         |        | 1.278               | 1.270  | 1.317  | 1.230               | 1.232  | 1.265               | 2.3   |
| Chrysene                   |        | 1.269               | 1.211  | 1.261  | 1.165               | 1.171  | 1.210               | 3.4   |
| Bis(2-ethylhexyl)phthalate |        | 0.620               | 0.658  | 0.647  | 0.694               | 0.657  | 0.663               | 4.0   |
| Di-n-octyl phthalate       |        | 0.780               | 0.803  | 0.833  | 0.931               | 0.933  | 0.896               | 10.2  |
| Benzo(b)fluoranthene       |        | 1.198               | 1.187  | 1.165  | 1.207               | 1.110  | 1.158               | 3.7   |
| Benzo(k)fluoranthene       |        | 1.233               | 1.210  | 1.193  | 1.127               | 1.071  | 1.138               | 6.5   |
| Benzo(a)pyrene             |        | 0.978               | 0.948  | 1.018  | 0.996               | 0.975  | 0.989               | 2.4   |
| Indeno(1,2,3-cd)pyrene     |        | 1.061               | 1.034  | 1.380  | 1.248               | 1.403  | 1.285               | 13.6  |
| Dibenzo(a,h)anthracene     |        | 0.889               | 0.863  | 1.143  | 1.038               | 1.155  | 1.062               | 12.8  |
| Benzo(g,h,i)perylene       |        | 0.931               | 0.895  | 1.202  | 1.070               | 1.223  | 1.115               | 13.5  |
| 1,2,4,5-Tetrachlorobenzene |        | 0.587               | 0.547  | 0.567  | 0.518               | 0.527  | 0.544               | 4.7   |
| 1,4-Dioxane                |        | 0.531               | 0.510  | 0.525  | 0.507               | 0.488  | 0.510               | 2.8   |
| 2,3,4,6-Tetrachlorophenol  |        | 0.307               | 0.304  | 0.319  | 0.312               | 0.297  | 0.306               | 2.3   |
| 1-Methylnaphthalene        |        | 0.702               | 0.671  | 0.670  | 0.614               | 0.600  | 0.635               | 7.0   |

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.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 09:27

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    | 142006              | 7.045 | 550835              | 8.33  | 311581              | 10.09  |
|    | UPPER LIMIT    | 284012              | 7.545 | 1101670             | 8.828 | 623162              | 10.586 |
|    | LOWER LIMIT    | 71003               | 6.545 | 275417.5            | 7.828 | 155790.5            | 9.586  |
|    | EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 | PB160983BL     | 136015              | 7.04  | 508265              | 8.32  | 279837              | 10.08  |
| 02 | PB160983BS     | 134906              | 7.04  | 508614              | 8.33  | 258039              | 10.09  |
| 03 | PB160935TB     | 131362              | 7.04  | 510166              | 8.32  | 282169              | 10.08  |
| 04 | TP-17          | 129800              | 7.04  | 499471              | 8.32  | 288165              | 10.08  |
| 05 | WCS-TPK        | 126683              | 7.04  | 482393              | 8.32  | 271301              | 10.08  |
| 06 | WCS-TPL        | 130890              | 7.04  | 508964              | 8.32  | 295495              | 10.08  |
| 07 | WCS-TPJ        | 128070              | 7.04  | 488933              | 8.32  | 254039              | 10.08  |
| 08 | WCS-TPI        | 140576              | 7.04  | 546069              | 8.32  | 324074              | 10.08  |
| 09 | WC-MH-MM       | 145892              | 7.04  | 568416              | 8.32  | 333136              | 10.08  |
| 10 | WC-MH-LL       | 169018              | 7.04  | 659100              | 8.32  | 386625              | 10.08  |
| 11 | WC-MH-FF       | 135991              | 7.04  | 528805              | 8.32  | 299802              | 10.08  |
| 12 | WCS-TPN        | 137574              | 7.04  | 533861              | 8.32  | 308190              | 10.09  |
| 13 | WC-MH-LL       | 134284              | 7.04  | 524512              | 8.32  | 300059              | 10.08  |
| 14 | TP-16          | 146451              | 7.04  | 575353              | 8.32  | 327919              | 10.08  |
| 15 | WCS-TPI        | 143975              | 7.04  | 556186              | 8.32  | 319472              | 10.08  |
| 16 | WC-MH-MM       | 136519              | 7.04  | 536974              | 8.32  | 312670              | 10.08  |
| 17 | TP-17          | 146471              | 7.04  | 571309              | 8.32  | 328598              | 10.08  |
| 18 | TP-15          | 141682              | 7.04  | 555868              | 8.32  | 315866              | 10.08  |
| 19 | WC-MH-FF       | 135026              | 7.04  | 528739              | 8.32  | 302737              | 10.08  |
| 20 | WCS-TPJ        | 146754              | 7.04  | 573199              | 8.32  | 321354              | 10.08  |
| 21 | WC-A-COMP      | 137973              | 7.04  | 522025              | 8.32  | 292222              | 10.08  |
|    |                |                     |       |                     |       |                     |        |



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 20:06

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    | 142006              | 7.045 | 550835              | 8.33  | 311581              | 10.09  |
| UPPER LIMIT    | 284012              | 7.545 | 1101670             | 8.828 | 623162              | 10.586 |
| LOWER LIMIT    | 71003               | 6.545 | 275417.5            | 7.828 | 155790.5            | 9.586  |
| 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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDCCC040

Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137948.D

Time Analyzed: 09:27

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    | 139267              | 7.045 | 520751              | 8.33  | 272116              | 10.09  |
|    | UPPER LIMIT    | 278534              | 7.545 | 1041502             | 8.828 | 544232              | 10.586 |
|    | LOWER LIMIT    | 69633.5             | 6.545 | 260375.5            | 7.828 | 136058              | 9.586  |
|    | EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 | PB160983BL     | 136015              | 7.04  | 508265              | 8.32  | 279837              | 10.08  |
| 02 | PB160983BS     | 134906              | 7.04  | 508614              | 8.33  | 258039              | 10.09  |
| 03 | PB160935TB     | 131362              | 7.04  | 510166              | 8.32  | 282169              | 10.08  |
| 04 | TP-17          | 129800              | 7.04  | 499471              | 8.32  | 288165              | 10.08  |
| 05 | WCS-TPK        | 126683              | 7.04  | 482393              | 8.32  | 271301              | 10.08  |
| 06 | WCS-TPL        | 130890              | 7.04  | 508964              | 8.32  | 295495              | 10.08  |
| 07 | WCS-TPJ        | 128070              | 7.04  | 488933              | 8.32  | 254039              | 10.08  |
| 08 | WCS-TPI        | 140576              | 7.04  | 546069              | 8.32  | 324074              | 10.08  |
| 09 | WC-MH-MM       | 145892              | 7.04  | 568416              | 8.32  | 333136              | 10.08  |
| 10 | WC-MH-LL       | 169018              | 7.04  | 659100              | 8.32  | 386625              | 10.08  |
| 11 | WC-MH-FF       | 135991              | 7.04  | 528805              | 8.32  | 299802              | 10.08  |
| 12 | WCS-TPN        | 137574              | 7.04  | 533861              | 8.32  | 308190              | 10.09  |
| 13 | WC-MH-LL       | 134284              | 7.04  | 524512              | 8.32  | 300059              | 10.08  |
| 14 | TP-16          | 146451              | 7.04  | 575353              | 8.32  | 327919              | 10.08  |
| 15 | WCS-TPI        | 143975              | 7.04  | 556186              | 8.32  | 319472              | 10.08  |
| 16 | WC-MH-MM       | 136519              | 7.04  | 536974              | 8.32  | 312670              | 10.08  |
| 17 | TP-17          | 146471              | 7.04  | 571309              | 8.32  | 328598              | 10.08  |
| 18 | TP-15          | 141682              | 7.04  | 555868              | 8.32  | 315866              | 10.08  |
| 19 | WC-MH-FF       | 135026              | 7.04  | 528739              | 8.32  | 302737              | 10.08  |
| 20 | WCS-TPJ        | 146754              | 7.04  | 573199              | 8.32  | 321354              | 10.08  |
| 21 | WC-A-COMP      | 137973              | 7.04  | 522025              | 8.32  | 292222              | 10.08  |
|    |                |                     |       |                     |       |                     |        |



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDCCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137948.D Time Analyzed: 20:06

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    | 139267              | 7.045 | 520751              | 8.33  | 272116              | 10.09  |
| UPPER LIMIT    | 278534              | 7.545 | 1041502             | 8.828 | 544232              | 10.586 |
| LOWER LIMIT    | 69633.5             | 6.545 | 260375.5            | 7.828 | 136058              | 9.586  |
| 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.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 09:27

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    | 535112              | 11.58 | 324526              | 14.227 | 256022              | 15.786 |
|    | UPPER LIMIT    | 1070224             | 12.08 | 649052              | 14.727 | 512044              | 16.286 |
|    | LOWER LIMIT    | 267556              | 11.08 | 162263              | 13.727 | 128011              | 15.286 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | PB160983BL     | 457597              | 11.58 | 250996              | 14.22  | 252942              | 15.79  |
| 02 | PB160983BS     | 382365              | 11.58 | 226737              | 14.23  | 261502              | 15.79  |
| 03 | PB160935TB     | 472054              | 11.57 | 250355              | 14.22  | 245252              | 15.79  |
| 04 | TP-17          | 501975              | 11.58 | 325536              | 14.22  | 333201              | 15.79  |
| 05 | WCS-TPK        | 458214              | 11.57 | 276629              | 14.22  | 320574              | 15.79  |
| 06 | WCS-TPL        | 537125              | 11.58 | 328132              | 14.22  | 290984              | 15.79  |
| 07 | WCS-TPJ        | 466566              | 11.57 | 267566              | 14.22  | 188323              | 15.79  |
| 08 | WCS-TPI        | 568658              | 11.58 | 350290              | 14.23  | 351187              | 15.79  |
| 09 | WC-MH-MM       | 593213              | 11.57 | 381645              | 14.22  | 350587              | 15.79  |
| 10 | WC-MH-LL       | 694082              | 11.58 | 372696              | 14.22  | 361409              | 15.79  |
| 11 | WC-MH-FF       | 521949              | 11.57 | 294282              | 14.22  | 334544              | 15.79  |
| 12 | WCS-TPN        | 533915              | 11.57 | 304764              | 14.22  | 331190              | 15.79  |
| 13 | WC-MH-LL       | 526574              | 11.58 | 297019              | 14.22  | 339559              | 15.79  |
| 14 | TP-16          | 569532              | 11.57 | 306433              | 14.22  | 353515              | 15.79  |
| 15 | WCS-TPI        | 545165              | 11.58 | 303469              | 14.23  | 351087              | 15.79  |
| 16 | WC-MH-MM       | 542278              | 11.58 | 303307              | 14.22  | 350028              | 15.79  |
| 17 | TP-17          | 559908              | 11.57 | 318698              | 14.22  | 364825              | 15.79  |
| 18 | TP-15          | 541550              | 11.58 | 314814              | 14.22  | 341521              | 15.79  |
| 19 | WC-MH-FF       | 517984              | 11.57 | 292924              | 14.22  | 330697              | 15.79  |
| 20 | WCS-TPJ        | 541421              | 11.58 | 301703              | 14.23  | 360718              | 15.80  |
| 21 | WC-A-COMP      | 439368              | 11.58 | 292365              | 14.23  | 331272              | 15.80  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDICCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 20:06

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    | 535112              | 11.58 | 324526              | 14.227 | 256022              | 15.786 |
| UPPER LIMIT    | 1070224             | 12.08 | 649052              | 14.727 | 512044              | 16.286 |
| LOWER LIMIT    | 267556              | 11.08 | 162263              | 13.727 | 128011              | 15.286 |
| 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.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDCCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137948.D Time Analyzed: 09:27

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    | 425630              | 11.58 | 240844              | 14.227 | 260887              | 15.792 |
|    | UPPER LIMIT    | 851260              | 12.08 | 481688              | 14.727 | 521774              | 16.292 |
|    | LOWER LIMIT    | 212815              | 11.08 | 120422              | 13.727 | 130443.5            | 15.292 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | PB160983BL     | 457597              | 11.58 | 250996              | 14.22  | 252942              | 15.79  |
| 02 | PB160983BS     | 382365              | 11.58 | 226737              | 14.23  | 261502              | 15.79  |
| 03 | PB160935TB     | 472054              | 11.57 | 250355              | 14.22  | 245252              | 15.79  |
| 04 | TP-17          | 501975              | 11.58 | 325536              | 14.22  | 333201              | 15.79  |
| 05 | WCS-TPK        | 458214              | 11.57 | 276629              | 14.22  | 320574              | 15.79  |
| 06 | WCS-TPL        | 537125              | 11.58 | 328132              | 14.22  | 290984              | 15.79  |
| 07 | WCS-TPJ        | 466566              | 11.57 | 267566              | 14.22  | 188323              | 15.79  |
| 08 | WCS-TPI        | 568658              | 11.58 | 350290              | 14.23  | 351187              | 15.79  |
| 09 | WC-MH-MM       | 593213              | 11.57 | 381645              | 14.22  | 350587              | 15.79  |
| 10 | WC-MH-LL       | 694082              | 11.58 | 372696              | 14.22  | 361409              | 15.79  |
| 11 | WC-MH-FF       | 521949              | 11.57 | 294282              | 14.22  | 334544              | 15.79  |
| 12 | WCS-TPN        | 533915              | 11.57 | 304764              | 14.22  | 331190              | 15.79  |
| 13 | WC-MH-LL       | 526574              | 11.58 | 297019              | 14.22  | 339559              | 15.79  |
| 14 | TP-16          | 569532              | 11.57 | 306433              | 14.22  | 353515              | 15.79  |
| 15 | WCS-TPI        | 545165              | 11.58 | 303469              | 14.23  | 351087              | 15.79  |
| 16 | WC-MH-MM       | 542278              | 11.58 | 303307              | 14.22  | 350028              | 15.79  |
| 17 | TP-17          | 559908              | 11.57 | 318698              | 14.22  | 364825              | 15.79  |
| 18 | TP-15          | 541550              | 11.58 | 314814              | 14.22  | 341521              | 15.79  |
| 19 | WC-MH-FF       | 517984              | 11.57 | 292924              | 14.22  | 330697              | 15.79  |
| 20 | WCS-TPJ        | 541421              | 11.58 | 301703              | 14.23  | 360718              | 15.80  |
| 21 | WC-A-COMP      | 439368              | 11.58 | 292365              | 14.23  | 331272              | 15.80  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052024 SAS No.: BF052024 SDG NO.: BF052024

EPA Sample No.: SSTDCCC040 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BF137948.D Time Analyzed: 20:06

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    | 425630              | 11.58 | 240844              | 14.227 | 260887              | 15.792 |
| UPPER LIMIT    | 851260              | 12.08 | 481688              | 14.727 | 521774              | 16.292 |
| LOWER LIMIT    | 212815              | 11.08 | 120422              | 13.727 | 130443.5            | 15.292 |
| 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.: **BF052024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | RPD  |      | Low | Limits |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |      |     |     | Qual | Qual |     | High   | RPD |
| PB160983BS    | n-Nitrosodimethylamine      | 50    | 44.7   | ug/L | 89  |     |      |      | 55  | 108    |     |
|               | Pyridine                    | 50    | 40     | ug/L | 80  |     |      |      | 29  | 97     |     |
|               | Benzaldehyde                | 50    | 60.9   | ug/L | 122 |     | *    |      | 15  | 121    |     |
|               | Aniline                     | 50    | 32.5   | ug/L | 65  |     |      |      | 10  | 130    |     |
|               | Phenol                      | 50    | 43.3   | ug/L | 87  |     |      |      | 66  | 118    |     |
|               | bis(2-Chloroethyl)ether     | 50    | 45.3   | ug/L | 91  |     |      |      | 62  | 103    |     |
|               | 2-Chlorophenol              | 50    | 45     | ug/L | 90  |     |      |      | 70  | 117    |     |
|               | 1,2-Dichlorobenzene         | 50    | 44.1   | ug/L | 88  |     |      |      | 72  | 102    |     |
|               | 1,3-Dichlorobenzene         | 50    | 42.5   | ug/L | 85  |     |      |      | 71  | 103    |     |
|               | 1,4-Dichlorobenzene         | 50    | 42.7   | ug/L | 85  |     |      |      | 76  | 103    |     |
|               | Benzyl Alcohol              | 50    | 46.5   | ug/L | 93  |     |      |      | 36  | 93     |     |
|               | 2-Methylphenol              | 50    | 43.2   | ug/L | 86  |     |      |      | 69  | 109    |     |
|               | 2,2-oxybis(1-Chloropropane) | 50    | 46.3   | ug/L | 93  |     |      |      | 52  | 103    |     |
|               | Acetophenone                | 50    | 45.2   | ug/L | 90  |     |      |      | 60  | 104    |     |
|               | 3+4-Methylphenols           | 50    | 42.1   | ug/L | 84  |     |      |      | 67  | 106    |     |
|               | N-Nitroso-di-n-propylamine  | 50    | 44.4   | ug/L | 89  |     |      |      | 57  | 107    |     |
|               | Hexachloroethane            | 50    | 43.6   | ug/L | 87  |     |      |      | 76  | 118    |     |
|               | Nitrobenzene                | 50    | 42.3   | ug/L | 85  |     |      |      | 58  | 106    |     |
|               | Isophorone                  | 50    | 44.6   | ug/L | 89  |     |      |      | 61  | 102    |     |
|               | 2-Nitrophenol               | 50    | 46.3   | ug/L | 93  |     |      |      | 70  | 115    |     |
|               | 2,4-Dimethylphenol          | 50    | 48     | ug/L | 96  |     |      |      | 67  | 130    |     |
|               | bis(2-Chloroethoxy)methane  | 50    | 44.6   | ug/L | 89  |     |      |      | 58  | 109    |     |
|               | 2,4-Dichlorophenol          | 50    | 44     | ug/L | 88  |     |      |      | 66  | 115    |     |
|               | 1,2,4-Trichlorobenzene      | 50    | 43.6   | ug/L | 87  |     |      |      | 41  | 115    |     |
|               | Benzoic acid                | 50    | 43.7   | ug/L | 87  |     |      |      | 10  | 125    |     |
|               | Naphthalene                 | 50    | 43.6   | ug/L | 87  |     |      |      | 64  | 107    |     |
|               | 4-Chloroaniline             | 50    | 15.7   | ug/L | 31  |     |      |      | 10  | 85     |     |
|               | Hexachlorobutadiene         | 50    | 42.8   | ug/L | 86  |     |      |      | 69  | 101    |     |
|               | Caprolactam                 | 50    | 41.4   | ug/L | 83  |     |      |      | 58  | 128    |     |
|               | 4-Chloro-3-methylphenol     | 50    | 42     | ug/L | 84  |     |      |      | 65  | 114    |     |
|               | 2-Methylnaphthalene         | 50    | 43.6   | ug/L | 87  |     |      |      | 64  | 107    |     |
|               | Hexachlorocyclopentadiene   | 100   | 140    | ug/L | 140 |     |      |      | 36  | 160    |     |
|               | 2,4,6-Trichlorophenol       | 50    | 47.4   | ug/L | 95  |     |      |      | 61  | 110    |     |
|               | 2,4,5-Trichlorophenol       | 50    | 45.7   | ug/L | 91  |     |      |      | 70  | 106    |     |
|               | 1,1-Biphenyl                | 50    | 47.6   | ug/L | 95  |     |      |      | 72  | 98     |     |
|               | 2-Chloronaphthalene         | 50    | 46.3   | ug/L | 93  |     |      |      | 59  | 106    |     |
|               | 2-Nitroaniline              | 50    | 44.4   | ug/L | 89  |     |      |      | 58  | 107    |     |
|               | Dimethylphthalate           | 50    | 44.8   | ug/L | 90  |     |      |      | 64  | 103    |     |
|               | Acenaphthylene              | 50    | 48.6   | ug/L | 97  |     |      |      | 65  | 108    |     |
|               | 2,6-Dinitrotoluene          | 50    | 43.3   | ug/L | 87  |     |      |      | 64  | 110    |     |
|               | 3-Nitroaniline              | 50    | 27.8   | ug/L | 56  |     |      |      | 28  | 100    |     |
|               | Acenaphthene                | 50    | 48.7   | ug/L | 97  |     |      |      | 59  | 113    |     |
|               | Total PAH                   | 800   | 768.5  | ug/L | 96  |     |      |      | 59  | 113    |     |
|               | 2,4-Dinitrophenol           | 100   | 78.8   | ug/L | 79  |     |      |      | 64  | 132    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052024**

Client:

Analytical Method: **8270E**

DataFile:

| Lab Sample ID | Parameter                        | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                                  |       |        |      |     |     |      | Qual | Low    | High |     |
| PB160983BS    | 4-Nitrophenol                    | 100   | 89.5   | ug/L | 90  |     |      |      | 68     | 116  |     |
|               | Dibenzofuran                     | 50    | 45.3   | ug/L | 91  |     |      |      | 65     | 106  |     |
|               | 2,4-Dinitrotoluene               | 50    | 42.8   | ug/L | 86  |     |      |      | 60     | 115  |     |
|               | 2,4-Dinitrotoluene/2,6-Dinitrotr | 100   | 86.1   | ug/L | 86  |     |      |      | 60     | 115  |     |
|               | Diethylphthalate                 | 50    | 43.4   | ug/L | 87  |     |      |      | 63     | 105  |     |
|               | 4-Chlorophenyl-phenylether       | 50    | 44.7   | ug/L | 89  |     |      |      | 61     | 104  |     |
|               | Fluorene                         | 50    | 43.6   | ug/L | 87  |     |      |      | 64     | 107  |     |
|               | 4-Nitroaniline                   | 50    | 38.8   | ug/L | 78  |     |      |      | 69     | 112  |     |
|               | 4,6-Dinitro-2-methylphenol       | 50    | 49.5   | ug/L | 99  |     |      |      | 62     | 132  |     |
|               | N-Nitrosodiphenylamine           | 50    | 49.3   | ug/L | 99  |     |      |      | 61     | 109  |     |
|               | Azobenzene                       | 50    | 45     | ug/L | 90  |     |      |      | 59     | 106  |     |
|               | 4-Bromophenyl-phenylether        | 50    | 49.6   | ug/L | 99  |     |      |      | 73     | 103  |     |
|               | Hexachlorobenzene                | 50    | 47.8   | ug/L | 96  |     |      |      | 73     | 106  |     |
|               | Atrazine                         | 50    | 54.9   | ug/L | 110 |     |      |      | 76     | 120  |     |
|               | Pentachlorophenol                | 100   | 92.5   | ug/L | 93  |     |      |      | 47     | 114  |     |
|               | Phenanthrene                     | 50    | 47.1   | ug/L | 94  |     |      |      | 62     | 109  |     |
|               | Anthracene                       | 50    | 47.5   | ug/L | 95  |     |      |      | 65     | 110  |     |
|               | Carbazole                        | 50    | 44.8   | ug/L | 90  |     |      |      | 62     | 106  |     |
|               | Di-n-butylphthalate              | 50    | 46.5   | ug/L | 93  |     |      |      | 64     | 106  |     |
|               | Fluoranthene                     | 50    | 43.3   | ug/L | 87  |     |      |      | 64     | 110  |     |
|               | Benzidine                        | 100   | 28     | ug/L | 28  |     |      |      | 10     | 94   |     |
|               | Pyrene                           | 50    | 42.5   | ug/L | 85  |     |      |      | 71     | 103  |     |
|               | Butylbenzylphthalate             | 50    | 47.5   | ug/L | 95  |     |      |      | 61     | 105  |     |
|               | 3,3-Dichlorobenzidine            | 50    | 38.4   | ug/L | 77  |     |      |      | 43     | 108  |     |
|               | Benzo(a)anthracene               | 50    | 48.5   | ug/L | 97  |     |      |      | 62     | 107  |     |
|               | Chrysene                         | 50    | 47.7   | ug/L | 95  |     |      |      | 61     | 108  |     |
|               | bis(2-Ethylhexyl)phthalate       | 50    | 52.8   | ug/L | 106 |     |      |      | 59     | 110  |     |
|               | Di-n-octyl phthalate             | 50    | 64.7   | ug/L | 129 |     | *    |      | 67     | 126  |     |
|               | Benzo(b)fluoranthene             | 50    | 45.5   | ug/L | 91  |     |      |      | 77     | 113  |     |
|               | Benzo(k)fluoranthene             | 50    | 46.8   | ug/L | 94  |     |      |      | 64     | 113  |     |
|               | Benzo(a)pyrene                   | 50    | 50.9   | ug/L | 102 |     |      |      | 72     | 131  |     |
|               | Indeno(1,2,3-cd)pyrene           | 50    | 56.2   | ug/L | 112 |     | *    |      | 72     | 105  |     |
|               | Dibenz(a,h)anthracene            | 50    | 55.7   | ug/L | 111 |     |      |      | 78     | 115  |     |
|               | Benzo(g,h,i)perylene             | 50    | 52.3   | ug/L | 105 |     |      |      | 75     | 118  |     |
|               | 1,2,4,5-Tetrachlorobenzene       | 50    | 48.6   | ug/L | 97  |     |      |      | 72     | 101  |     |
|               | 1,4-Dioxane                      | 50    | 37.5   | ug/L | 75  |     |      |      | 38     | 125  |     |
|               | 2,3,4,6-Tetrachlorophenol        | 50    | 44.4   | ug/L | 89  |     |      |      | 63     | 116  |     |
|               | 1-Methylnaphthalene              | 50    | 40.7   | ug/L | 81  |     |      |      | 51     | 114  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-MH-LL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF052024

SAS No.: BF052024 SDG NO.: BF052024

Lab File ID: BF137961.D

Lab Sample ID: P2518-05

Instrument ID: BNA\_F

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 16:08

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 |
|-------------------|------------------|----------------|------------------|
| WC-MH-LL          | P2518-05         | BF137961.D     | 05/20/2024       |
| TP-16             | P2513-10         | BF137962.D     | 05/20/2024       |
| WCS-TPI           | P2512-05         | BF137963.D     | 05/20/2024       |
| WC-MH-MM          | P2518-01         | BF137964.D     | 05/20/2024       |
| TP-17             | P2513-13         | BF137965.D     | 05/20/2024       |
| TP-15             | P2513-07         | BF137966.D     | 05/20/2024       |
| WC-MH-FF          | P2518-09         | BF137967.D     | 05/20/2024       |
| WCS-TPJ           | P2512-01         | BF137968.D     | 05/20/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB160983BL

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF052024

SAS No.: BF052024 SDG NO.: BF052024

Lab File ID: BF137949.D

Lab Sample ID: PB160983BL

Instrument ID: BNA\_F

Date Extracted: 05/17/2024

Matrix: (soil/water) water

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 09:27

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 |
|-------------------|------------------|----------------|------------------|
| PB160983BS        | PB160983BS       | BF137950.D     | 05/20/2024       |
| PB160935TB        | PB160935TB       | BF137951.D     | 05/20/2024       |
| TP-17             | P2513-15         | BF137952.D     | 05/20/2024       |
| WCS-TPK           | P2486-04         | BF137953.D     | 05/20/2024       |
| WCS-TPL           | P2486-08         | BF137954.D     | 05/20/2024       |
| WCS-TPJ           | P2512-04         | BF137955.D     | 05/20/2024       |
| WCS-TPI           | P2512-08         | BF137956.D     | 05/20/2024       |
| WC-MH-MM          | P2518-04         | BF137957.D     | 05/20/2024       |
| WC-MH-LL          | P2518-08         | BF137958.D     | 05/20/2024       |
| WC-MH-FF          | P2518-12         | BF137959.D     | 05/20/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WCS-TPN

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BF052024

SAS No.: BF052024 SDG NO.: BF052024

Lab File ID: BF137960.D

Lab Sample ID: P2527-01

Instrument ID: BNA\_F

Date Extracted: 05/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 15:39

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 |
|-------------------|------------------|----------------|------------------|
| WCS-TPN           | P2527-01         | BF137960.D     | 05/20/2024       |
| WC-A-COMP         | P2487-01         | BF137969.D     | 05/20/2024       |

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

## Surrogate Summary

SW-846

SDG No.: **BF052024**

Client:

Analytical Method: **8270E**

| Lab Sample ID | Client ID | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                      |                |                 |              |      | Low        | High |
| P2512-01      | WCS-TPJ   | BF137968.D | 2-Fluorophenol       | 150            | 64.50           | 43           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 64.07           | 43           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 41.21           | 41           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 42.12           | 42           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 64.89           | 43           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 40.06           | 40           |      | 14         | 112  |
| P2512-05      | WCS-TPI   | BF137963.D | 2-Fluorophenol       | 150            | 81.81           | 55           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 82.64           | 55           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 54.32           | 54           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 52.35           | 52           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 86.47           | 58           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 52.94           | 53           |      | 14         | 112  |
| P2513-07      | TP-15     | BF137966.D | 2-Fluorophenol       | 150            | 80.47           | 54           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 80.87           | 54           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 52.05           | 52           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 51.34           | 51           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 85.24           | 57           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 51.94           | 52           |      | 14         | 112  |
| P2513-10      | TP-16     | BF137962.D | 2-Fluorophenol       | 150            | 91.70           | 61           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 92.87           | 62           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 59.79           | 60           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 57.37           | 57           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 96.51           | 64           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 58.81           | 59           |      | 14         | 112  |
| P2513-13      | TP-17     | BF137965.D | 2-Fluorophenol       | 150            | 79.67           | 53           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 80.50           | 54           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 51.95           | 52           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 48.73           | 49           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 82.43           | 55           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 45.06           | 45           |      | 14         | 112  |
| P2518-01      | WC-MH-MM  | BF137964.D | 2-Fluorophenol       | 150            | 81.67           | 54           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 83.92           | 56           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 53.58           | 54           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 52.97           | 53           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 86.16           | 57           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 55.15           | 55           |      | 14         | 112  |
| P2518-05      | WC-MH-LL  | BF137961.D | 2-Fluorophenol       | 150            | 81.42           | 54           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 81.72           | 54           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 52.93           | 53           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 55.01           | 55           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 87.04           | 58           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 57.95           | 58           |      | 14         | 112  |
| P2518-09      | WC-MH-FF  | BF137967.D | 2-Fluorophenol       | 150            | 86.00           | 57           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 87.92           | 59           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 56.41           | 56           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 55.56           | 56           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 88.64           | 59           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 56.48           | 56           |      | 14         | 112  |

## Surrogate Summary

SW-846

SDG No.: **BF052024**

Client:

Analytical Method: **8270E**

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| P2486-04      | WCS-TPK    | BF137953.D | 2-Fluorophenol       | 150            | 111.78          | 75           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 99.15           | 66           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 84.04           | 84           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 85.16           | 85           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 129.04          | 86           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 78.93           | 79           |      | 36         | 145  |
| P2486-08      | WCS-TPL    | BF137954.D | 2-Fluorophenol       | 150            | 114.19          | 76           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 105.52          | 70           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 82.76           | 83           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 82.08           | 82           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 143.04          | 95           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 88.55           | 89           |      | 36         | 145  |
| P2512-04      | WCS-TPJ    | BF137955.D | 2-Fluorophenol       | 150            | 114.82          | 77           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 99.28           | 66           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 84.01           | 84           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 92.82           | 93           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 150.59          | 100          |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 90.27           | 90           |      | 36         | 145  |
| P2512-08      | WCS-TPI    | BF137956.D | 2-Fluorophenol       | 150            | 114.33          | 76           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 104.96          | 70           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 83.24           | 83           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 80.85           | 81           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 138.93          | 93           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 86.55           | 87           |      | 36         | 145  |
| P2513-15      | TP-17      | BF137952.D | 2-Fluorophenol       | 150            | 110.90          | 74           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 99.40           | 66           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 81.11           | 81           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 80.88           | 81           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 131.57          | 88           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 81.45           | 81           |      | 36         | 145  |
| P2518-04      | WC-MH-MM   | BF137957.D | 2-Fluorophenol       | 150            | 100.68          | 67           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 93.10           | 62           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 73.12           | 73           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 73.47           | 73           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 130.32          | 87           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 81.13           | 81           |      | 36         | 145  |
| P2518-08      | WC-MH-LL   | BF137958.D | 2-Fluorophenol       | 150            | 101.84          | 68           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 95.22           | 63           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 74.36           | 74           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 74.22           | 74           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 130.46          | 87           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 90.13           | 90           |      | 36         | 145  |
| P2518-12      | WC-MH-FF   | BF137959.D | 2-Fluorophenol       | 150            | 112.88          | 75           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 104.40          | 70           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 78.72           | 79           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 81.30           | 81           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 135.02          | 90           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 88.05           | 88           |      | 36         | 145  |
| PB160935TB    | PB160935TB | BF137951.D | 2-Fluorophenol       | 150            | 139.60          | 93           |      | 10         | 139  |



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

## Surrogate Summary

SW-846

SDG No.: **BF052024**

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

Analytical Method: **8270E**

| Lab Sample ID | Client ID  | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                      |                |                 |              |      | Low        | High |
| PB160935TB    | PB160935TB | BF137951.D | Phenol-d6            | 150            | 135.91          | 91           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 91.85           | 92           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 93.35           | 93           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 139.43          | 93           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 97.87           | 98           |      | 36         | 145  |
| PB160983BL    | PB160983BL | BF137949.D | 2-Fluorophenol       | 150            | 128.69          | 86           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 124.56          | 83           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 87.06           | 87           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 88.27           | 88           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 128.16          | 85           |      | 32         | 145  |
| PB160983BS    | PB160983BS | BF137950.D | Terphenyl-d14        | 100            | 90.76           | 91           |      | 36         | 145  |
|               |            |            | 2-Fluorophenol       | 150            | 123.23          | 82           |      | 10         | 139  |
|               |            |            | Phenol-d6            | 150            | 118.97          | 79           |      | 10         | 134  |
|               |            |            | Nitrobenzene-d5      | 100            | 82.97           | 83           |      | 49         | 133  |
|               |            |            | 2-Fluorobiphenyl     | 100            | 88.88           | 89           |      | 52         | 132  |
|               |            |            | 2,4,6-Tribromophenol | 150            | 125.65          | 84           |      | 32         | 145  |
|               |            |            | Terphenyl-d14        | 100            | 81.15           | 81           |      | 36         | 145  |





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### Surrogate Summary

SW-846

SDG No.: BF052024

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

Analytical Method: 8270E

| Lab Sample ID | Client ID | Datafile   | Parameter            | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|----------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                      |                |                 |              |      | Low        | High |
| P2487-01      | WC-A-COMP | BF137969.D | 2-Fluorophenol       | 150            | 91.32           | 61           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 93.58           | 62           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 63.73           | 64           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 64.86           | 65           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 92.56           | 62           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 52.14           | 52           |      | 14         | 112  |
| P2527-01      | WCS-TPN   | BF137960.D | 2-Fluorophenol       | 150            | 98.97           | 66           |      | 18         | 112  |
|               |           |            | Phenol-d6            | 150            | 99.51           | 66           |      | 15         | 107  |
|               |           |            | Nitrobenzene-d5      | 100            | 65.22           | 65           |      | 18         | 107  |
|               |           |            | 2-Fluorobiphenyl     | 100            | 63.81           | 64           |      | 20         | 109  |
|               |           |            | 2,4,6-Tribromophenol | 150            | 104.08          | 69           |      | 10         | 110  |
|               |           |            | Terphenyl-d14        | 100            | 66.30           | 66           |      | 14         | 112  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052024

Lab Code: CHEM

SAS No.: BF052024

SDG NO.: BF052024

Lab File ID: BF137947.D

DFTPP Injection Date: 05/20/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 08:29

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 25.3                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 26.9                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 39                   |
| 197 | Less than 2.0% of mass 198         | 0.1                  |
| 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           | 27.8                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 15.1                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.1 ( 19.1 ) 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       | BF137948.D     | 05/20/2024       | 08:57            |
| PB160983BL        | PB160983BL       | BF137949.D     | 05/20/2024       | 09:27            |
| PB160983BS        | PB160983BS       | BF137950.D     | 05/20/2024       | 09:56            |
| PB160935TB        | PB160935TB       | BF137951.D     | 05/20/2024       | 10:25            |
| TP-17             | P2513-15         | BF137952.D     | 05/20/2024       | 11:03            |
| WCS-TPK           | P2486-04         | BF137953.D     | 05/20/2024       | 11:33            |
| WCS-TPL           | P2486-08         | BF137954.D     | 05/20/2024       | 12:01            |
| WCS-TPJ           | P2512-04         | BF137955.D     | 05/20/2024       | 12:31            |
| WCS-TPI           | P2512-08         | BF137956.D     | 05/20/2024       | 13:00            |
| WC-MH-MM          | P2518-04         | BF137957.D     | 05/20/2024       | 13:30            |
| WC-MH-LL          | P2518-08         | BF137958.D     | 05/20/2024       | 13:59            |
| WC-MH-FF          | P2518-12         | BF137959.D     | 05/20/2024       | 15:09            |
| WCS-TPN           | P2527-01         | BF137960.D     | 05/20/2024       | 15:39            |
| WC-MH-LL          | P2518-05         | BF137961.D     | 05/20/2024       | 16:08            |
| TP-16             | P2513-10         | BF137962.D     | 05/20/2024       | 16:38            |
| WCS-TPI           | P2512-05         | BF137963.D     | 05/20/2024       | 17:08            |
| WC-MH-MM          | P2518-01         | BF137964.D     | 05/20/2024       | 17:37            |
| TP-17             | P2513-13         | BF137965.D     | 05/20/2024       | 18:07            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052024

Lab Code: CHEM

SAS No.: BF052024

SDG NO.: BF052024

Lab File ID: BF137947.D

DFTPP Injection Date: 05/20/2024

Instrument ID: BNA\_F

DFTPP Injection Time: 08:29

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 25.3                 |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 26.9                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 39                   |
| 197 | Less than 2.0% of mass 198         | 0.1                  |
| 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           | 27.8                 |
| 365 | Greater than 1% of mass 198        | 3.8                  |
| 441 | Present, but less than mass 443    | 15.1                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.1 ( 19.1 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| TP-15             | P2513-07         | BF137966.D     | 05/20/2024       | 18:37            |
| WC-MH-FF          | P2518-09         | BF137967.D     | 05/20/2024       | 19:07            |
| WCS-TPJ           | P2512-01         | BF137968.D     | 05/20/2024       | 19:36            |
| WC-A-COMP         | P2487-01         | BF137969.D     | 05/20/2024       | 20:06            |