

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:10:06

Lab File ID: BM044857.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020085 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.610 | 0.551  | 0.010      | -9.737   | 40.0  |
| Benzaldehyde                | 0.896 | 1.124  | 0.010      | 25.5085  | 40.0  |
| Pyridine                    | 1.800 | 1.547  | 0.010      | -14.089  | 40.0  |
| Phenol                      | 2.099 | 1.917  | 0.080      | -8.6481  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.723 | 1.594  | 0.100      | -7.4739  | 20.0  |
| 2-Chlorophenol              | 1.559 | 1.513  | 0.200      | -2.9042  | 20.0  |
| 2-Methylphenol              | 1.593 | 1.448  | 0.010      | -9.0888  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.276 | 2.680  | 0.010      | 17.7853  | 40.0  |
| Acetophenone                | 2.505 | 2.425  | 0.060      | -3.1612  | 20.0  |
| 4-Methylphenol              | 1.734 | 1.569  | 0.010      | -9.4887  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.294 | 1.282  | 0.050      | -0.9134  | 30.0  |
| Hexachloroethane            | 0.638 | 0.673  | 0.100      | 5.4523   | 20.0  |
| Nitrobenzene                | 0.399 | 0.448  | 0.050      | 12.0505  | 25.0  |
| Isophorone                  | 0.815 | 0.848  | 0.050      | 4.0852   | 25.0  |
| 2-Nitrophenol               | 0.198 | 0.204  | 0.050      | 3.0305   | 25.0  |
| 2,4-Dimethylphenol          | 0.360 | 0.385  | 0.050      | 7.0376   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.512 | 0.506  | 0.050      | -1.2757  | 20.0  |
| 2,4-Dichlorophenol          | 0.308 | 0.327  | 0.060      | 6.0859   | 20.0  |
| Naphthalene                 | 1.133 | 1.141  | 0.200      | 0.6889   | 20.0  |
| 4-Chloroaniline             | 0.495 | 0.473  | 0.010      | -4.372   | 40.0  |
| Hexachlorobutadiene         | 0.173 | 0.203  | 0.040      | 17.5619  | 30.0  |
| Caprolactam                 | 0.120 | 0.104  | 0.010      | -13.3518 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.358 | 0.358  | 0.040      | 0.1739   | 25.0  |
| 1-Methylnaphthalene         | 0.743 | 0.747  | 0.100      | 0.4923   | 20.0  |
| 2-Methylnaphthalene         | 0.753 | 0.754  | 0.100      | 0.0624   | 20.0  |
| Hexachlorocyclopentadiene   | 0.378 | 0.334  | 0.010      | -11.7007 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.399 | 0.410  | 0.090      | 2.8824   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.427 | 0.430  | 0.100      | 0.565    | 25.0  |
| 1,1-Biphenyl                | 1.588 | 1.557  | 0.200      | -1.9354  | 20.0  |
| 2-Chloronaphthalene         | 1.246 | 1.232  | 0.300      | -1.1741  | 20.0  |
| 2-Nitroaniline              | 0.391 | 0.421  | 0.050      | 7.5525   | 40.0  |
| Dimethylphthalate           | 1.596 | 1.528  | 0.300      | -4.2908  | 20.0  |
| 2,6-Dinitrotoluene          | 0.319 | 0.306  | 0.080      | -3.936   | 30.0  |
| Acenaphthylene              | 2.091 | 2.071  | 0.400      | -0.987   | 20.0  |
| 3-Nitroaniline              | 0.344 | 0.321  | 0.010      | -6.8672  | 40.0  |
| Acenaphthene                | 1.375 | 1.365  | 0.200      | -0.709   | 20.0  |
| 2,4-Dinitrophenol           | 0.204 | 0.150  | 0.010      | -26.4706 | 40.0  |
| 4-Nitrophenol               | 0.228 | 0.225  | 0.010      | -1.14    | 40.0  |
| Dibenzofuran                | 1.829 | 1.802  | 0.300      | -1.4572  | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:10:06

Lab File ID: BM044857.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020085 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene          | 0.460 | 0.436  | 0.070      | -5.1729  | 30.0  |
| Diethylphthalate            | 1.657 | 1.567  | 0.300      | -5.4019  | 20.0  |
| Fluorene                    | 1.496 | 1.506  | 0.200      | 0.7006   | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.694 | 0.727  | 0.100      | 4.7036   | 20.0  |
| 4-Nitroaniline              | 0.329 | 0.295  | 0.010      | -10.26   | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.139 | 0.131  | 0.010      | -5.6722  | 40.0  |
| N-Nitrosodiphenylamine      | 0.602 | 0.624  | 0.050      | 3.5136   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.569 | 0.613  | 0.100      | 7.7518   | 20.0  |
| 4-Bromophenyl-phenylether   | 0.200 | 0.220  | 0.070      | 9.8919   | 20.0  |
| Hexachlorobenzene           | 0.228 | 0.259  | 0.050      | 13.5623  | 25.0  |
| Atrazine                    | 0.197 | 0.210  | 0.010      | 6.762    | 25.0  |
| Pentachlorophenol           | 0.150 | 0.150  | 0.010      | -0.4055  | 40.0  |
| Phenanthrene                | 1.135 | 1.135  | 0.200      | 0.0377   | 20.0  |
| Pentachlorobenzene          | 0.258 | 0.303  | 0.050      | 17.2321  | 20.0  |
| Anthracene                  | 1.147 | 1.156  | 0.200      | 0.7584   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.267 | 0.307  | 0.050      | 14.9464  | 20.0  |
| Carbazole                   | 1.078 | 1.017  | 0.050      | -5.644   | 40.0  |
| Di-n-butylphthalate         | 1.450 | 1.384  | 0.500      | -4.5511  | 25.0  |
| Fluoranthene                | 1.461 | 1.645  | 0.400      | 12.6413  | 25.0  |
| Pyrene                      | 1.521 | 1.693  | 0.400      | 11.2861  | 25.0  |
| Butylbenzylphthalate        | 0.748 | 0.758  | 0.100      | 1.3636   | 40.0  |
| 3,3-Dichlorobenzidine       | 0.433 | 0.467  | 0.010      | 7.8853   | 40.0  |
| Benzo(a)anthracene          | 1.502 | 1.452  | 0.300      | -3.3517  | 30.0  |
| Chrysene                    | 1.391 | 1.327  | 0.200      | -4.5338  | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 1.090 | 1.163  | 0.200      | 6.6376   | 40.0  |
| Di-n-octyl phthalate        | 1.790 | 1.729  | 0.010      | -3.4026  | 40.0  |
| Benzo(b)fluoranthene        | 1.338 | 1.303  | 0.200      | -2.6324  | 25.0  |
| Benzo(k)fluoranthene        | 1.311 | 1.238  | 0.200      | -5.5371  | 25.0  |
| Benzo(a)pyrene              | 1.252 | 1.205  | 0.200      | -3.7732  | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.404 | 1.440  | 0.200      | 2.5804   | 25.0  |
| Dibenzo(a,h)anthracene      | 1.171 | 1.217  | 0.200      | 3.9361   | 30.0  |
| Benzo(g,h,i)perylene        | 1.121 | 1.156  | 0.200      | 3.1479   | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.354 | 0.362  | 0.040      | 2.3824   | 20.0  |
| 1,4-Dioxane-d8              | 0.590 | 0.510  | 0.010      | -13.4835 | 25.0  |
| Pyridine-d5                 | 1.736 | 1.486  | 0.010      | -14.3982 | 40.0  |
| Phenol-d5                   | 2.056 | 1.891  | 0.010      | -8.0159  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 1.270 | 1.261  | 0.050      | -0.6898  | 25.0  |
| 2-Chlorophenol-d4           | 1.511 | 1.482  | 0.200      | -1.8929  | 20.0  |
| 4-Methylphenol-d8           | 1.615 | 1.484  | 0.010      | -8.1141  | 20.0  |

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Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:10:06

Lab File ID: BM044857.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020085 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.168 | 0.172  | 0.050      | 2.3866   | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.193  | 0.050      | 6.1624   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.328  | 0.060      | 6.277    | 20.0  |
| 4-Chloroaniline-d4            | 0.513 | 0.484  | 0.010      | -5.6852  | 40.0  |
| Dimethylphthalate-d6          | 1.569 | 1.518  | 0.300      | -3.2459  | 20.0  |
| Acenaphthylene-d8             | 1.794 | 1.744  | 0.400      | -2.7924  | 20.0  |
| 4-Nitrophenol-d4              | 0.325 | 0.256  | 0.010      | -21.4083 | 40.0  |
| Fluorene-d10                  | 1.318 | 1.253  | 0.100      | -4.9538  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.130 | 0.122  | 0.010      | -6.1679  | 40.0  |
| Anthracene-d10                | 0.956 | 0.964  | 0.300      | 0.8846   | 20.0  |
| Pyrene-d10                    | 1.227 | 1.336  | 0.300      | 8.94     | 25.0  |
| Benzo (a) pyrene-d12          | 1.051 | 1.016  | 0.010      | -3.3275  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:15:36

Lab File ID: BM044866.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020086 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.610 | 0.567  | 0.010      | -7.1953  | 40.0  |
| Benzaldehyde                | 0.896 | 1.102  | 0.010      | 23.0297  | 40.0  |
| Pyridine                    | 1.800 | 1.573  | 0.010      | -12.613  | 40.0  |
| Phenol                      | 2.099 | 1.891  | 0.080      | -9.8709  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.723 | 1.550  | 0.100      | -10.0627 | 20.0  |
| 2-Chlorophenol              | 1.559 | 1.498  | 0.200      | -3.8846  | 20.0  |
| 2-Methylphenol              | 1.593 | 1.401  | 0.010      | -12.0477 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 2.276 | 2.624  | 0.010      | 15.2989  | 40.0  |
| Acetophenone                | 2.505 | 2.314  | 0.060      | -7.6211  | 20.0  |
| 4-Methylphenol              | 1.734 | 1.494  | 0.010      | -13.8339 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.294 | 1.225  | 0.050      | -5.3575  | 30.0  |
| Hexachloroethane            | 0.638 | 0.677  | 0.100      | 6.0437   | 20.0  |
| Nitrobenzene                | 0.399 | 0.452  | 0.050      | 13.0845  | 25.0  |
| Isophorone                  | 0.815 | 0.827  | 0.050      | 1.4506   | 25.0  |
| 2-Nitrophenol               | 0.198 | 0.200  | 0.050      | 1.0876   | 25.0  |
| 2,4-Dimethylphenol          | 0.360 | 0.380  | 0.050      | 5.5174   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.512 | 0.501  | 0.050      | -2.1523  | 20.0  |
| 2,4-Dichlorophenol          | 0.308 | 0.324  | 0.060      | 5.0312   | 20.0  |
| Naphthalene                 | 1.133 | 1.141  | 0.200      | 0.7548   | 20.0  |
| 4-Chloroaniline             | 0.495 | 0.451  | 0.010      | -8.8811  | 40.0  |
| Hexachlorobutadiene         | 0.173 | 0.210  | 0.040      | 21.5324  | 30.0  |
| Caprolactam                 | 0.120 | 0.090  | 0.010      | -24.8836 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.358 | 0.331  | 0.040      | -7.5485  | 25.0  |
| 1-Methylnaphthalene         | 0.743 | 0.720  | 0.100      | -3.0594  | 20.0  |
| 2-Methylnaphthalene         | 0.753 | 0.725  | 0.100      | -3.7514  | 20.0  |
| Hexachlorocyclopentadiene   | 0.378 | 0.379  | 0.010      | 0.3836   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.399 | 0.407  | 0.090      | 2.027    | 25.0  |
| 2,4,5-Trichlorophenol       | 0.427 | 0.428  | 0.100      | 0.0995   | 25.0  |
| 1,1-Biphenyl                | 1.588 | 1.603  | 0.200      | 0.9175   | 20.0  |
| 2-Chloronaphthalene         | 1.246 | 1.264  | 0.300      | 1.4602   | 20.0  |
| 2-Nitroaniline              | 0.391 | 0.408  | 0.050      | 4.2691   | 40.0  |
| Dimethylphthalate           | 1.596 | 1.501  | 0.300      | -5.9906  | 20.0  |
| 2,6-Dinitrotoluene          | 0.319 | 0.299  | 0.080      | -6.133   | 30.0  |
| Acenaphthylene              | 2.091 | 2.093  | 0.400      | 0.0615   | 20.0  |
| 3-Nitroaniline              | 0.344 | 0.299  | 0.010      | -13.2061 | 40.0  |
| Acenaphthene                | 1.375 | 1.363  | 0.200      | -0.8664  | 20.0  |
| 2,4-Dinitrophenol           | 0.204 | 0.138  | 0.010      | -32.3843 | 40.0  |
| 4-Nitrophenol               | 0.228 | 0.209  | 0.010      | -8.5124  | 40.0  |
| Dibenzofuran                | 1.829 | 1.785  | 0.300      | -2.3732  | 20.0  |

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Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:15:36

Lab File ID: BM044866.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020086 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene          | 0.460 | 0.406  | 0.070      | -11.8808 | 30.0  |
| Diethylphthalate            | 1.657 | 1.490  | 0.300      | -10.0488 | 20.0  |
| Fluorene                    | 1.496 | 1.454  | 0.200      | -2.7526  | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.694 | 0.709  | 0.100      | 2.0717   | 20.0  |
| 4-Nitroaniline              | 0.329 | 0.279  | 0.010      | -15.1971 | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.139 | 0.129  | 0.010      | -7.2682  | 40.0  |
| N-Nitrosodiphenylamine      | 0.602 | 0.644  | 0.050      | 6.8808   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.569 | 0.650  | 0.100      | 14.2028  | 20.0  |
| 4-Bromophenyl-phenylether   | 0.200 | 0.226  | 0.070      | 12.9962  | 20.0  |
| Hexachlorobenzene           | 0.228 | 0.265  | 0.050      | 16.1498  | 25.0  |
| Atrazine                    | 0.197 | 0.207  | 0.010      | 5.2488   | 25.0  |
| Pentachlorophenol           | 0.150 | 0.146  | 0.010      | -3.1278  | 40.0  |
| Phenanthrene                | 1.135 | 1.137  | 0.200      | 0.1953   | 20.0  |
| Pentachlorobenzene          | 0.258 | 0.329  | 0.050      | 27.5758  | 20.0  |
| Anthracene                  | 1.147 | 1.166  | 0.200      | 1.5785   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.267 | 0.347  | 0.050      | 29.7538  | 20.0  |
| Carbazole                   | 1.078 | 1.008  | 0.050      | -6.5035  | 40.0  |
| Di-n-butylphthalate         | 1.450 | 1.316  | 0.500      | -9.2837  | 25.0  |
| Fluoranthene                | 1.461 | 1.463  | 0.400      | 0.176    | 25.0  |
| Pyrene                      | 1.521 | 1.505  | 0.400      | -1.0663  | 25.0  |
| Butylbenzylphthalate        | 0.748 | 0.649  | 0.100      | -13.1867 | 40.0  |
| 3,3-Dichlorobenzidine       | 0.433 | 0.458  | 0.010      | 5.9369   | 40.0  |
| Benzo(a)anthracene          | 1.502 | 1.425  | 0.300      | -5.1215  | 30.0  |
| Chrysene                    | 1.391 | 1.330  | 0.200      | -4.367   | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 1.090 | 0.976  | 0.200      | -10.5093 | 40.0  |
| Di-n-octyl phthalate        | 1.790 | 1.421  | 0.010      | -20.6259 | 40.0  |
| Benzo(b)fluoranthene        | 1.338 | 1.261  | 0.200      | -5.7707  | 25.0  |
| Benzo(k)fluoranthene        | 1.311 | 1.196  | 0.200      | -8.7367  | 25.0  |
| Benzo(a)pyrene              | 1.252 | 1.204  | 0.200      | -3.8606  | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.404 | 1.494  | 0.200      | 6.3748   | 25.0  |
| Dibenzo(a,h)anthracene      | 1.171 | 1.257  | 0.200      | 7.4043   | 30.0  |
| Benzo(g,h,i)perylene        | 1.121 | 1.193  | 0.200      | 6.4883   | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.354 | 0.337  | 0.040      | -4.6207  | 20.0  |
| 1,4-Dioxane-d8              | 0.590 | 0.548  | 0.010      | -7.0948  | 25.0  |
| Pyridine-d5                 | 1.736 | 1.471  | 0.010      | -15.2311 | 40.0  |
| Phenol-d5                   | 2.056 | 1.874  | 0.010      | -8.8844  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 1.270 | 1.231  | 0.050      | -3.0931  | 25.0  |
| 2-Chlorophenol-d4           | 1.511 | 1.446  | 0.200      | -4.3079  | 20.0  |
| 4-Methylphenol-d8           | 1.615 | 1.437  | 0.010      | -11.0123 | 20.0  |

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 Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:15:36  
 Lab File ID: BM044866.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020086 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.168 | 0.174  | 0.050      | 3.2361   | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.191  | 0.050      | 5.1331   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.325  | 0.060      | 5.1255   | 20.0  |
| 4-Chloroaniline-d4            | 0.513 | 0.464  | 0.010      | -9.6207  | 40.0  |
| Dimethylphthalate-d6          | 1.569 | 1.495  | 0.300      | -4.7196  | 20.0  |
| Acenaphthylene-d8             | 1.794 | 1.759  | 0.400      | -1.9553  | 20.0  |
| 4-Nitrophenol-d4              | 0.325 | 0.235  | 0.010      | -27.8764 | 40.0  |
| Fluorene-d10                  | 1.318 | 1.217  | 0.100      | -7.685   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.130 | 0.119  | 0.010      | -8.6276  | 40.0  |
| Anthracene-d10                | 0.956 | 0.961  | 0.300      | 0.5037   | 20.0  |
| Pyrene-d10                    | 1.227 | 1.193  | 0.300      | -2.7417  | 25.0  |
| Benzo (a) pyrene-d12          | 1.051 | 1.024  | 0.010      | -2.5891  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:21:44

Lab File ID: BM044875.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020087 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.610 | 0.590  | 0.010      | -3.3742  | 50.0  |
| Benzaldehyde                | 0.896 | 1.091  | 0.010      | 21.8117  | 50.0  |
| Pyridine                    | 1.800 | 1.634  | 0.010      | -9.2346  | 50.0  |
| Phenol                      | 2.099 | 1.878  | 0.080      | -10.5211 | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.723 | 1.537  | 0.100      | -10.8131 | 50.0  |
| 2-Chlorophenol              | 1.559 | 1.490  | 0.200      | -4.3783  | 50.0  |
| 2-Methylphenol              | 1.593 | 1.405  | 0.010      | -11.7838 | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 2.276 | 2.574  | 0.010      | 13.1207  | 50.0  |
| Acetophenone                | 2.505 | 2.305  | 0.060      | -7.9794  | 50.0  |
| 4-Methylphenol              | 1.734 | 1.504  | 0.010      | -13.2541 | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.294 | 1.212  | 0.050      | -6.3526  | 50.0  |
| Hexachloroethane            | 0.638 | 0.678  | 0.100      | 6.24     | 50.0  |
| Nitrobenzene                | 0.399 | 0.449  | 0.050      | 12.4232  | 50.0  |
| Isophorone                  | 0.815 | 0.824  | 0.050      | 1.0723   | 50.0  |
| 2-Nitrophenol               | 0.198 | 0.202  | 0.050      | 1.845    | 50.0  |
| 2,4-Dimethylphenol          | 0.360 | 0.382  | 0.050      | 6.1128   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.512 | 0.493  | 0.050      | -3.7366  | 50.0  |
| 2,4-Dichlorophenol          | 0.308 | 0.327  | 0.060      | 5.9038   | 50.0  |
| Naphthalene                 | 1.133 | 1.144  | 0.200      | 1.004    | 50.0  |
| 4-Chloroaniline             | 0.495 | 0.469  | 0.010      | -5.1938  | 50.0  |
| Hexachlorobutadiene         | 0.173 | 0.204  | 0.040      | 18.0337  | 50.0  |
| Caprolactam                 | 0.120 | 0.102  | 0.010      | -14.8281 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.358 | 0.349  | 0.040      | -2.4133  | 50.0  |
| 1-Methylnaphthalene         | 0.743 | 0.730  | 0.100      | -1.7308  | 50.0  |
| 2-Methylnaphthalene         | 0.753 | 0.737  | 0.100      | -2.116   | 50.0  |
| Hexachlorocyclopentadiene   | 0.378 | 0.354  | 0.010      | -6.3606  | 50.0  |
| 2,4,6-Trichlorophenol       | 0.399 | 0.399  | 0.090      | 0.1256   | 50.0  |
| 2,4,5-Trichlorophenol       | 0.427 | 0.428  | 0.100      | 0.0166   | 50.0  |
| 1,1-Biphenyl                | 1.588 | 1.560  | 0.200      | -1.7865  | 50.0  |
| 2-Chloronaphthalene         | 1.246 | 1.228  | 0.300      | -1.4651  | 50.0  |
| 2-Nitroaniline              | 0.391 | 0.422  | 0.050      | 7.7844   | 50.0  |
| Dimethylphthalate           | 1.596 | 1.508  | 0.300      | -5.5249  | 50.0  |
| 2,6-Dinitrotoluene          | 0.319 | 0.303  | 0.080      | -4.9146  | 50.0  |
| Acenaphthylene              | 2.091 | 2.081  | 0.400      | -0.4807  | 50.0  |
| 3-Nitroaniline              | 0.344 | 0.318  | 0.010      | -7.6669  | 50.0  |
| Acenaphthene                | 1.375 | 1.356  | 0.200      | -1.3523  | 50.0  |
| 2,4-Dinitrophenol           | 0.204 | 0.154  | 0.010      | -24.3271 | 50.0  |
| 4-Nitrophenol               | 0.228 | 0.242  | 0.010      | 6.1074   | 50.0  |
| Dibenzofuran                | 1.829 | 1.818  | 0.300      | -0.5834  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124

Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:21:44

Lab File ID: BM044875.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020087 Init. Calib. Time(s): \_\_\_\_\_

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene          | 0.460 | 0.442  | 0.070      | -3.9839  | 50.0  |
| Diethylphthalate            | 1.657 | 1.530  | 0.300      | -7.6328  | 50.0  |
| Fluorene                    | 1.496 | 1.501  | 0.200      | 0.3779   | 50.0  |
| 4-Chlorophenyl-phenylether  | 0.694 | 0.714  | 0.100      | 2.8738   | 50.0  |
| 4-Nitroaniline              | 0.329 | 0.314  | 0.010      | -4.7465  | 50.0  |
| 4,6-Dinitro-2-methylphenol  | 0.139 | 0.129  | 0.010      | -7.0341  | 50.0  |
| N-Nitrosodiphenylamine      | 0.602 | 0.606  | 0.050      | 0.6305   | 50.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.569 | 0.612  | 0.100      | 7.5116   | 50.0  |
| 4-Bromophenyl-phenylether   | 0.200 | 0.219  | 0.070      | 9.284    | 50.0  |
| Hexachlorobenzene           | 0.228 | 0.253  | 0.050      | 11.2241  | 50.0  |
| Atrazine                    | 0.197 | 0.204  | 0.010      | 3.5653   | 50.0  |
| Pentachlorophenol           | 0.150 | 0.154  | 0.010      | 2.2251   | 50.0  |
| Phenanthrene                | 1.135 | 1.151  | 0.200      | 1.4059   | 50.0  |
| Pentachlorobenzene          | 0.258 | 0.296  | 0.050      | 14.7136  | 50.0  |
| Anthracene                  | 1.147 | 1.172  | 0.200      | 2.1477   | 50.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.267 | 0.296  | 0.050      | 10.7781  | 50.0  |
| Carbazole                   | 1.078 | 1.052  | 0.050      | -2.4665  | 50.0  |
| Di-n-butylphthalate         | 1.450 | 1.346  | 0.500      | -7.1611  | 50.0  |
| Fluoranthene                | 1.461 | 1.368  | 0.400      | -6.3648  | 50.0  |
| Pyrene                      | 1.521 | 1.434  | 0.400      | -5.6936  | 50.0  |
| Butylbenzylphthalate        | 0.748 | 0.632  | 0.100      | -15.5531 | 50.0  |
| 3,3-Dichlorobenzidine       | 0.433 | 0.447  | 0.010      | 3.2878   | 50.0  |
| Benzo(a)anthracene          | 1.502 | 1.459  | 0.300      | -2.8396  | 50.0  |
| Chrysene                    | 1.391 | 1.319  | 0.200      | -5.1613  | 50.0  |
| Bis(2-ethylhexyl)phthalate  | 1.090 | 0.992  | 0.200      | -8.9793  | 50.0  |
| Di-n-octyl phthalate        | 1.790 | 1.405  | 0.010      | -21.4909 | 50.0  |
| Benzo(b)fluoranthene        | 1.338 | 1.269  | 0.200      | -5.1931  | 50.0  |
| Benzo(k)fluoranthene        | 1.311 | 1.198  | 0.200      | -8.6272  | 50.0  |
| Benzo(a)pyrene              | 1.252 | 1.211  | 0.200      | -3.2333  | 50.0  |
| Indeno(1,2,3-cd)pyrene      | 1.404 | 1.516  | 0.200      | 7.981    | 50.0  |
| Dibenzo(a,h)anthracene      | 1.171 | 1.265  | 0.200      | 8.0713   | 50.0  |
| Benzo(g,h,i)perylene        | 1.121 | 1.193  | 0.200      | 6.4601   | 50.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.354 | 0.358  | 0.040      | 1.1273   | 50.0  |
| 1,4-Dioxane-d8              | 0.590 | 0.563  | 0.010      | -4.5685  | 50.0  |
| Pyridine-d5                 | 1.736 | 1.471  | 0.010      | -15.2304 | 50.0  |
| Phenol-d5                   | 2.056 | 1.871  | 0.010      | -8.9844  | 50.0  |
| Bis-(2-Chloroethyl)ether-d8 | 1.270 | 1.217  | 0.050      | -4.1835  | 50.0  |
| 2-Chlorophenol-d4           | 1.511 | 1.449  | 0.200      | -4.0955  | 50.0  |
| 4-Methylphenol-d8           | 1.615 | 1.396  | 0.010      | -13.5764 | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG No.: BM040124  
 Instrument ID: BNA\_M Calibration Date/Time: 4/1/2024 12:21:44  
 Lab File ID: BM044875.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020087 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.168 | 0.175  | 0.050      | 3.6261   | 50.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.191  | 0.050      | 5.3636   | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.309 | 0.327  | 0.060      | 5.684    | 50.0  |
| 4-Chloroaniline-d4            | 0.513 | 0.479  | 0.010      | -6.6861  | 50.0  |
| Dimethylphthalate-d6          | 1.569 | 1.495  | 0.300      | -4.7242  | 50.0  |
| Acenaphthylene-d8             | 1.794 | 1.745  | 0.400      | -2.7668  | 50.0  |
| 4-Nitrophenol-d4              | 0.325 | 0.273  | 0.010      | -16.0367 | 50.0  |
| Fluorene-d10                  | 1.318 | 1.255  | 0.100      | -4.7912  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.130 | 0.121  | 0.010      | -6.8965  | 50.0  |
| Anthracene-d10                | 0.956 | 0.971  | 0.300      | 1.539    | 50.0  |
| Pyrene-d10                    | 1.227 | 1.151  | 0.300      | -6.1919  | 50.0  |
| Benzo (a) pyrene-d12          | 1.051 | 1.026  | 0.010      | -2.3994  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044858.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044858.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044858.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.847  |           | 15-120 |     | 61         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 27.475 |           | 20-120 |     | 69         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 26.532 |           | 10-130 |     | 66         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 29.093 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 28.511 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 26.63  |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 30.994 |           | 20-125 |     | 77         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 31.801 |           | 20-130 |     | 80         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 30.012 |           | 20-120 |     | 75         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 17.617 |           | 1-146  |     | 44         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 29.582 |           | 25-130 |     | 74         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 30.041 |           | 10-130 |     | 75         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 22.161 |           | 10-150 |     | 55         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 30.003 |           | 25-125 |     | 75         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 26.971 |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 33.054 |           | 25-130 |     | 83         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 38.157 |           | 15-130 |     | 95         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 32.799 |           | 20-130 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 108053 | 7.663     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 458912 | 10.439    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 276511 | 14.31     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 528312 | 17.062    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SBLK895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BL     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044858.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 359925 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 411236 | 23.497    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |        |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-6(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-01        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044859.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-6(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-01        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044859.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-6(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-01        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044859.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.499  |           | 15-120 |     | 56         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 6.617  | *         | 20-120 |     | 17         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.094  |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 32.886 |           | 25-120 |     | 82         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 25.383 |           | 20-130 |     | 63         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 15.716 |           | 25-125 |     | 39         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 35.872 |           | 20-125 |     | 90         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 35.164 |           | 20-130 |     | 88         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 31.512 |           | 20-120 |     | 79         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 23.453 |           | 1-146  |     | 59         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 34.343 |           | 25-130 |     | 86         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 34.391 |           | 10-130 |     | 86         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 4.569  |           | 10-150 |     | 11         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 34.331 |           | 25-125 |     | 86         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 31.235 |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 39.569 |           | 25-130 |     | 99         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 40.107 |           | 15-130 |     | 100        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 39.929 |           | 20-130 |     | 100        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 99190  | 7.663     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 395415 | 10.439    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 225710 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 410098 | 17.063    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-6(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-01        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044859.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|----------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                     | 340857 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                     | 412907 | 23.492    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |     |     |            |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-           | 56     | J         |     |     | 7.545      |       |
| 000087-61-6                           | Benzene, 1,2,3-trichloro-        | 2      | J         |     |     | 10.816     |       |
| 000112-75-4                           | 1-Tetradecanamine, N,N-dimethyl- | 2.4    | J         |     |     | 16.092     |       |
| E966796                               | Total Alkanes                    | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-4(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-02        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044860.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-4(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-02        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044860.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-4(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-02        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044860.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.927  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 11.903 |           | 20-120 |     | 30         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.822  |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 34.927 |           | 25-120 |     | 87         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 28.927 |           | 20-130 |     | 72         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 18.846 |           | 25-125 |     | 47         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 38.668 |           | 20-125 |     | 97         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 38.705 |           | 20-130 |     | 97         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 36.908 |           | 20-120 |     | 92         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 21.952 |           | 1-146  |     | 55         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 38.485 |           | 25-130 |     | 96         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 39.534 |           | 10-130 |     | 99         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.272  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 39.149 |           | 25-125 |     | 98         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 33.91  |           | 10-130 |     | 85         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 43.174 |           | 25-130 |     | 108        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.769 |           | 15-130 |     | 109        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 42.922 |           | 20-130 |     | 107        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 94509  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 379351 | 10.433    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 214600 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 401666 | 17.062    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-4(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-02        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044860.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|----------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                     | 349227 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                     | 421697 | 23.491    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |     |     |            |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-           | 3      | J         |     |     | 7.545      |       |
| 000112-75-4                           | 1-Tetradecanamine, N,N-dimethyl- | 6.2    | J         |     |     | 16.098     |       |
| 000057-10-3                           | n-Hexadecanoic acid              | 3.3    | J         |     |     | 17.968     |       |
| E966796                               | Total Alkanes                    | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-3(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-03        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044861.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-3(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-03        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044861.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-3(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-03        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044861.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.752  |           | 15-120 |     | 59         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 7.416  | *         | 20-120 |     | 19         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.068  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 30.988 |           | 25-120 |     | 77         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 25.408 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.618 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 33.105 |           | 20-125 |     | 83         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 32.975 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 31.45  |           | 20-120 |     | 79         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 21.208 |           | 1-146  |     | 53         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 35.211 |           | 25-130 |     | 88         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 34.575 |           | 10-130 |     | 86         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.761  |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 34.922 |           | 25-125 |     | 87         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 32.843 |           | 10-130 |     | 82         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 39.366 |           | 25-130 |     | 98         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 40.521 |           | 15-130 |     | 101        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 39.847 |           | 20-130 |     | 100        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 95781  | 7.663     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 399292 | 10.439    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 230316 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 422719 | 17.062    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-3(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-03        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044861.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                       | 343726 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                       | 414596 | 23.491    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |     |     |            |       |
|                                       | unknown-01                         | 2.6    | J         |     |     | 8.757      |       |
|                                       | unknown-02                         | 3.7    | J         |     |     | 8.951      |       |
| 000767-99-7                           | Benzene, (1-methyl-1-propenyl)-, ( | 2.7    | J         |     |     | 9.833      |       |
| 001004-36-0                           | 4H-Pyran-4-one, 2,6-dimethyl-      | 2.2    | J         |     |     | 10.963     |       |
| 000105-60-2                           | Capro lactam                       | 2.4    | J         |     |     | 11.41      |       |
| 000091-57-6                           | Naphthalene, 2-methyl-             | 3.4    | J         |     |     | 12.11      |       |
| 000090-12-0                           | Naphthalene, 1-methyl-             | 5.5    | J         |     |     | 12.327     |       |
|                                       | unknown-03                         | 3.2    | J         |     |     | 12.616     |       |
| 039627-61-7                           | 7-Methylindan-1-one                | 2.3    | J         |     |     | 13.486     |       |
| 000057-10-3                           | n-Hexadecanoic acid                | 3.1    | J         |     |     | 17.968     |       |
| E966796                               | Total Alkanes                      | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-10(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-04         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 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 |
| BM044862.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.99  | U         | 0.99 | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5  | 5.1        | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5  | 5.1        | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-10(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-04         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 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 |
| BM044862.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.85  | U         | 0.85 | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 6     | U         | 6    | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.95  | U         | 0.95 | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5.1 | 5.1        | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5.1 | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5.1        | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5.1        | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5.1        | ug/L  |

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-10(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-04         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 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 |
| BM044862.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5.1 | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5.1        | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5.1        | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5.1        | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.485  |           | 15-120 |     | 56         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 10.444 |           | 20-120 |     | 26         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.725  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 37.601 |           | 25-120 |     | 94         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 27.034 |           | 20-130 |     | 68         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.48  |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 36.825 |           | 20-125 |     | 92         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 36.361 |           | 20-130 |     | 91         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 33.438 |           | 20-120 |     | 84         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 27.282 |           | 1-146  |     | 68         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 37.375 |           | 25-130 |     | 93         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 37.283 |           | 10-130 |     | 93         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 5.813  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 37.995 |           | 25-125 |     | 95         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 34.352 |           | 10-130 |     | 86         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 42.538 |           | 25-130 |     | 106        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 47.05  |           | 15-130 |     | 118        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 43.525 |           | 20-130 |     | 109        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 94121  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 402862 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 238338 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 443487 | 17.063    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |                  |                 |                       |
|--------------------|------------------|-----------------|-----------------------|
| Client:            |                  | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                  | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | PMW-10(20240326) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-04         | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC        | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990 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 |
| BM044862.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                     | Parameter              | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12           | 319651 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12           | 366813 | 23.492    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |                        |        |           |     |     |            |       |
| 000108-44-1                    | Benzenamine, 3-methyl- | 2.7    | J         |     |     | 8.646      |       |
| 000105-60-2                    | Capro lactam           | 5.3    | J         |     |     | 11.398     |       |
| E966796                        | Total Alkanes          | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240326)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-05       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044863.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240326)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-05       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044863.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240326)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-05       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044863.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.202  |           | 15-120 |     | 65         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 5.281  | *         | 20-120 |     | 13         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.205  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 40.606 |           | 25-120 |     | 102        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 31.216 |           | 20-130 |     | 78         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 19.081 |           | 25-125 |     | 48         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 43.281 |           | 20-125 |     | 108        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 41.618 |           | 20-130 |     | 104        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 37.504 |           | 20-120 |     | 94         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 21.727 |           | 1-146  |     | 54         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 44.406 |           | 25-130 |     | 111        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 44.46  |           | 10-130 |     | 111        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 5.762  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 44.53  |           | 25-125 |     | 111        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 38.846 |           | 10-130 |     | 97         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 49.692 |           | 25-130 |     | 124        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 51.941 |           | 15-130 |     | 130        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 50.336 |           | 20-130 |     | 126        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 87643  | 7.663     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 365084 | 10.433    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 207300 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 376734 | 17.062    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/26/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/26/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240326)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-05       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044863.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                     | Parameter           | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12        | 291633 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12        | 340054 | 23.491    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |                     |        |           |     |     |            |       |
| 000057-10-3                    | n-Hexadecanoic acid | 2.3    | J         |     |     | 17.968     |       |
| 002027-47-6                    | 9-Octadecenoic acid | 3.3    | J         |     |     | 19.139     |       |
| E966796                        | Total Alkanes       | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-2(20240327) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-07        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044864.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-2(20240327) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-07        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044864.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-2(20240327) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-07        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044864.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.664  |           | 15-120 |     | 71         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 9.141  |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.102  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 34.77  |           | 25-120 |     | 87         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 27.79  |           | 20-130 |     | 69         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 18.154 |           | 25-125 |     | 45         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 37.242 |           | 20-125 |     | 93         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 37.146 |           | 20-130 |     | 93         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 36.106 |           | 20-120 |     | 90         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 29.504 |           | 1-146  |     | 74         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 40.973 |           | 25-130 |     | 102        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 39.902 |           | 10-130 |     | 100        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.457  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 40.552 |           | 25-125 |     | 101        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 36.515 |           | 10-130 |     | 91         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 45.374 |           | 25-130 |     | 113        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 46.978 |           | 15-130 |     | 117        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 45.831 |           | 20-130 |     | 115        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 87945  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 356991 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 199726 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 368765 | 17.063    |        |     |            |          |

**Report of Analysis**

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/27/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/27/2024 12:00:00 AM |
| Client Sample ID:  | PMW-2(20240327) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-07        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044864.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter                    | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                 | 299120 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                 | 355019 | 23.492    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                              |        |           |     |     |            |       |
| 000098-06-6                           | Benzene, tert-butyl-         | 2.8    | J         |     |     | 7.257      |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-       | 2.4    | J         |     |     | 7.546      |       |
| 000105-60-2                           | Capro lactam                 | 5.5    | J         |     |     | 11.404     |       |
| 000134-32-7                           | 1-Naphthalenamine            | 120    | J         |     |     | 14.869     |       |
| 000091-59-8                           | 2-Naphthalenamine            | 4.5    | J         |     |     | 15.022     |       |
| 000057-10-3                           | n-Hexadecanoic acid          | 2.1    | J         |     |     | 17.968     |       |
|                                       | (DEL) Alkane: Straight-Chain | 20.992 | J         |     |     | 20.992     |       |
| E966796                               | Total Alkanes                | 2.4    |           |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BS     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044865.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    |           | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 33    |           | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 26    |           | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 28    |           | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 27    |           | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 29    |           | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 32    |           | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 34    |           | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 31    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 32    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 32    |           | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 32    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 24    |           | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 36    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 25    |           | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 30    |           | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 30    |           | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 30    |           | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 33    |           | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 32    |           | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 31    |           | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 34    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BS     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044865.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 28    |           | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 25    |           | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 29    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 32    |           | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 30    |           | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 32    |           | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 34    |           | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 35    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 37    |           | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 37    |           | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 27    |           | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 33    |           | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 32    |           | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 40    |           | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 33    |           | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 41    |           | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 31    |           | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 30    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 32    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 32    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 41    |           | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 31    |           | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 31    |           | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS895        | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BS     | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044865.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 27     |           | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 31     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 31     |           | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 32     |           | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 35     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 36     |           | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 35     |           | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 31     |           | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.758  |           | 15-120 |     | 72         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 29.846 |           | 20-120 |     | 75         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 29.426 |           | 10-130 |     | 74         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 31.47  |           | 25-120 |     | 79         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 30.992 |           | 20-130 |     | 77         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 28.877 |           | 25-125 |     | 72         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 33.886 |           | 20-125 |     | 85         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 34.811 |           | 20-130 |     | 87         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 34.598 |           | 20-120 |     | 86         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 26.905 |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 31.613 |           | 25-130 |     | 79         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 32.588 |           | 10-130 |     | 81         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 25.921 |           | 10-150 |     | 65         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 31.125 |           | 25-125 |     | 78         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 33.153 |           | 10-130 |     | 83         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 33.749 |           | 25-130 |     | 84         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 33.493 |           | 15-130 |     | 84         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 34.46  |           | 20-130 |     | 86         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 91648  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 377053 | 10.439    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 209385 | 14.31     |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 371757 | 17.062    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 3/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 3/30/2024 12:00:00 AM |
| Client Sample ID:  | SLCS895    | SDG No.:        | BM040124              |
| Lab Sample ID:     | PB159895BS | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % 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 |
| BM044865.D        | 1         | 3/30/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159895      |

| CAS Number                            | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 312928 | 21.268    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 362080 | 23.497    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |        |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BL     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044867.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BL     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044867.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BL     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044867.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.039  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 17.809 |           | 20-120 |     | 45         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 23.592 |           | 10-130 |     | 59         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 26.816 |           | 25-120 |     | 67         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 26.303 |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 22.432 |           | 25-125 |     | 56         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 28.374 |           | 20-125 |     | 71         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 28.402 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 26.778 |           | 20-120 |     | 67         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 0      | U         | 1-146  |     | 0          | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 26.394 |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 26.061 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 18.349 |           | 10-150 |     | 46         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 26.783 |           | 25-125 |     | 67         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 23.309 |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 28.434 |           | 25-130 |     | 71         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 31.446 |           | 15-130 |     | 79         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 26.605 |           | 20-130 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 104724 | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 444242 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 269661 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 507200 | 17.063    |        |     |            |          |



Report of Analysis

|                    |            |                 |                      |
|--------------------|------------|-----------------|----------------------|
| Client:            |            | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK928    | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BL | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC  | % 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 |
| BM044867.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                     | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 360816 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 400125 | 23.492    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |        |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-5(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-18        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044868.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-5(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-18        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044868.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-5(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-18        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044868.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 6.255  |           | 15-120 |     | 78         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 12.619 |           | 20-120 |     | 32         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 10.315 |           | 10-130 |     | 26         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 41.668 |           | 25-120 |     | 104        | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 33.364 |           | 20-130 |     | 83         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 21.902 |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 52.535 | *         | 20-125 |     | 131        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 52.235 | *         | 20-130 |     | 131        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 48.565 | *         | 20-120 |     | 121        | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 27.8   |           | 1-146  |     | 69         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 44.509 |           | 25-130 |     | 111        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 46.304 |           | 10-130 |     | 116        | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 9.273  |           | 10-150 |     | 23         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 46.825 |           | 25-125 |     | 117        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 41.628 |           | 10-130 |     | 104        | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 48.645 |           | 25-130 |     | 122        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 52.319 | *         | 15-130 |     | 131        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 49.332 |           | 20-130 |     | 123        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 97471  | 7.675     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 367024 | 10.498    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 237901 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 453631 | 17.062    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-5(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-18        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044868.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                       | 339881 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                       | 385359 | 23.491    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |     |     |            |       |
| 000100-41-4                           | Ethylbenzene                       | 3.8    | J         |     |     | 5.204      |       |
| 000108-38-3                           | Benzene, 1,3-dimethyl-             | 15     | J         |     |     | 5.34       |       |
| 000108-67-8                           | Mesitylene                         | 4.4    | J         |     |     | 7.31       |       |
| 000095-93-2                           | Benzene, 1,2,4,5-tetramethyl-      | 34     | J         |     |     | 9.275      |       |
| 000488-23-3                           | Benzene, 1,2,3,4-tetramethyl-      | 55     | J         |     |     | 9.333      |       |
| 000824-22-6                           | 1H-Indene, 2,3-dihydro-4-methyl-   | 25     | J         |     |     | 9.692      |       |
| 000824-90-8                           | 1-Phenyl-1-butene                  | 71     | J         |     |     | 9.845      |       |
| 000105-60-2                           | Capro lactam                       | 5.6    | J         |     |     | 11.427     |       |
| 000112-30-1                           | 1-Decanol                          | 2.3    | J         |     |     | 11.486     |       |
| 000090-12-0                           | Naphthalene, 1-methyl-             | 3.8    | J         |     |     | 12.11      |       |
| 000085-44-9                           | Phthalic anhydride                 | 2.8    | J         |     |     | 12.251     |       |
| 000091-57-6                           | Naphthalene, 2-methyl-             | 2.1    | J         |     |     | 12.327     |       |
| 000634-66-2                           | Benzene, 1,2,3,4-tetrachloro-      | 10     | J         |     |     | 12.48      |       |
| 002409-55-4                           | Phenol, 2-(1,1-dimethylethyl)-4-me | 21     | J         |     |     | 12.545     |       |
| 000095-95-4                           | Phenol, 2,4,5-trichloro-           | 8.7    | J         |     |     | 12.804     |       |
| 015950-66-0                           | Phenol, 2,3,4-trichloro-           | 4.3    | J         |     |     | 12.939     |       |
| 000095-94-3                           | Benzene, 1,2,4,5-tetrachloro-      | 5.1    | J         |     |     | 13.092     |       |
| 000933-75-5                           | Phenol, 2,3,6-trichloro-           | 5.3    | J         |     |     | 13.133     |       |
| 000121-00-6                           | 3-tert-Butyl-4-hydroxyanisole      | 2.4    | J         |     |     | 13.833     |       |
| 000143-07-7                           | Dodecanoic acid                    | 2.8    | J         |     |     | 14.751     |       |
| 002362-10-9                           | Disiloxane, 1,3-bis(chloromethyl)- | 5.9    | J         |     |     | 14.845     |       |
| 000119-39-1                           | Phthalazin-1-one                   | 2.2    | J         |     |     | 15.245     |       |
|                                       | unknown-01                         | 4.4    | J         |     |     | 15.851     |       |
| 001421-49-4                           | Benzoic acid, 3,5-bis(1,1-dimethyl | 2.6    | J         |     |     | 17.551     |       |
| 000057-10-3                           | n-Hexadecanoic acid                | 6      | J         |     |     | 17.968     |       |
| 000091-76-9                           | 1,3,5-Triazine-2,4-diamine, 6-phen | 5      | J         |     |     | 18.65      |       |
| 000057-11-4                           | Octadecanoic acid                  | 3.8    | J         |     |     | 19.262     |       |
| 000082-45-1                           | 9,10-Anthracenedione, 1-amino-     | 5      | J         |     |     | 20.639     |       |
| 001740-19-8                           | Dehydroabietic acid                | 8.2    | J         |     |     | 20.956     |       |



Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | PMW-5(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-18        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044868.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 074339-54-1 | Trichloroacetic acid, hexadecyl es | 2     | J         |     |     | 20.991     |       |
| E966796     | Total Alkanes                      | 1.7   | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-2(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-19       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044869.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-2(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-19       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044869.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-2(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-19       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044869.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.001  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 3.061  | *         | 20-120 |     | 8          | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.509  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 32.916 |           | 25-120 |     | 82         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 25.842 |           | 20-130 |     | 65         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 16.288 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 35.385 |           | 20-125 |     | 88         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 34.786 |           | 20-130 |     | 87         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 30.869 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 15.444 |           | 1-146  |     | 39         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 34.573 |           | 25-130 |     | 86         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 34.822 |           | 10-130 |     | 87         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 5.01   |           | 10-150 |     | 13         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 34.48  |           | 25-125 |     | 86         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 31.23  |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 40.229 |           | 25-130 |     | 101        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 41.074 |           | 15-130 |     | 103        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 40.446 |           | 20-130 |     | 101        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 88762  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 365518 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 209229 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 378235 | 17.063    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-2(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-19       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044869.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                     | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 305649 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 360790 | 23.491    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |        |           |     |     |            |       |
| E966796                        | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-20       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044870.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-20       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044870.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-20       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044870.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 4.843  |           | 15-120 |     | 61         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 2.676  | *         | 20-120 |     | 7          | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.742  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 33.258 |           | 25-120 |     | 83         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 25.689 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.002 |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 35.377 |           | 20-125 |     | 88         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 34.607 |           | 20-130 |     | 87         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 32.041 |           | 20-120 |     | 80         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 16.325 |           | 1-146  |     | 41         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 38.535 |           | 25-130 |     | 96         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 36.278 |           | 10-130 |     | 91         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.075  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 38.098 |           | 25-125 |     | 95         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 35.482 |           | 10-130 |     | 89         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 45.629 |           | 25-130 |     | 114        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 46.653 |           | 15-130 |     | 117        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 45.128 |           | 20-130 |     | 113        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 81755  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 336238 | 10.433    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 188608 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 344557 | 17.062    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | MW-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-20       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044870.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                     | Parameter                 | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12              | 284274 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12              | 345716 | 23.491    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |                           |        |           |     |     |            |       |
| 000087-61-6                    | Benzene, 1,2,3-trichloro- | 5.8    | J         |     |     | 10.816     |       |
| E966796                        | Total Alkanes             | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | DUP-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-21        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044871.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | DUP-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-21        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044871.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | DUP-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-21        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044871.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.065  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 9.905  |           | 20-120 |     | 25         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 8.859  |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 33.682 |           | 25-120 |     | 84         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 27.431 |           | 20-130 |     | 69         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.55  |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 42.555 |           | 20-125 |     | 106        | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 41.724 |           | 20-130 |     | 104        | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 38.384 |           | 20-120 |     | 96         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 21.499 |           | 1-146  |     | 54         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 37.08  |           | 25-130 |     | 93         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 37.525 |           | 10-130 |     | 94         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 7.863  |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 37.931 |           | 25-125 |     | 95         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 34.662 |           | 10-130 |     | 87         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 42.004 |           | 25-130 |     | 105        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 43.638 |           | 15-130 |     | 109        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 42.29  |           | 20-130 |     | 106        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 98803  | 7.669     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 356341 | 10.492    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 218318 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 412188 | 17.063    |        |     |            |          |

## Report of Analysis

|                    |                 |                 |                       |
|--------------------|-----------------|-----------------|-----------------------|
| Client:            |                 | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                 | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | DUP-1(20240328) | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-21        | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC       | % 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 |
| BM044871.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|------------------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12                       | 332148 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12                       | 388658 | 23.486    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |     |     |            |       |
| 000100-41-4                           | Ethylbenzene                       | 2.8    | J         |     |     | 5.205      |       |
| 000611-14-3                           | Benzene, 1-ethyl-2-methyl-         | 2      | J         |     |     | 6.751      |       |
| 000108-67-8                           | Mesitylene                         | 3.2    | J         |     |     | 7.31       |       |
| 000541-73-1                           | Benzene, 1,3-dichloro-             | 8.3    | J         |     |     | 8.016      |       |
| 000095-93-2                           | Benzene, 1,2,4,5-tetramethyl-      | 27     | J         |     |     | 9.269      |       |
| 000488-23-3                           | Benzene, 1,2,3,4-tetramethyl-      | 45     | J         |     |     | 9.334      |       |
| 000824-22-6                           | 1H-Indene, 2,3-dihydro-4-methyl-   | 21     | J         |     |     | 9.692      |       |
| 002234-20-0                           | 2,4-Dimethylstyrene                | 56     | J         |     |     | 9.839      |       |
| 000105-60-2                           | Capro lactam                       | 4.1    | J         |     |     | 11.422     |       |
| 004453-90-1                           | 1,4-Methanonaphthalene, 1,4-dihydr | 3.2    | J         |     |     | 12.11      |       |
| 000634-90-2                           | Benzene, 1,2,3,5-tetrachloro-      | 8.8    | J         |     |     | 12.48      |       |
| 002409-55-4                           | Phenol, 2-(1,1-dimethylethyl)-4-me | 18     | J         |     |     | 12.539     |       |
| 000095-95-4                           | Phenol, 2,4,5-trichloro-           | 7.2    | J         |     |     | 12.804     |       |
| 000933-78-8                           | Phenol, 2,3,5-trichloro-           | 3.4    | J         |     |     | 12.939     |       |
| 000634-66-2                           | Benzene, 1,2,3,4-tetrachloro-      | 3.8    | J         |     |     | 13.092     |       |
| 000933-75-5                           | Phenol, 2,3,6-trichloro-           | 4.8    | J         |     |     | 13.133     |       |
| 000638-53-9                           | Tridecanoic acid                   | 2.2    | J         |     |     | 14.745     |       |
| 006911-45-1                           | Thiophene, 2,5-dibutyl-            | 5      | J         |     |     | 14.845     |       |
|                                       | unknown-01                         | 3.7    | J         |     |     | 15.851     |       |
| 001421-49-4                           | Benzoic acid, 3,5-bis(1,1-dimethyl | 2.5    | J         |     |     | 17.551     |       |
| 000057-10-3                           | n-Hexadecanoic acid                | 3.8    | J         |     |     | 17.968     |       |
| 000091-76-9                           | 1,3,5-Triazine-2,4-diamine, 6-phen | 4.8    | J         |     |     | 18.651     |       |
| 000057-11-4                           | Octadecanoic acid                  | 2.5    | J         |     |     | 19.262     |       |
| 000082-45-1                           | 9,10-Anthracenedione, 1-amino-     | 4.8    | J         |     |     | 20.639     |       |
| 001740-19-8                           | Dehydroabietic acid                | 7.3    | J         |     |     | 20.951     |       |
| 1000108-92-4                          | Farnesol isomer a                  | 2.2    | J         |     |     | 22.45      |       |
| E966796                               | Total Alkanes                      | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-25       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044872.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-25       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044872.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-25       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044872.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.281  |           | 15-120 |     | 66         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 7.37   | *         | 20-120 |     | 18         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.935  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 35.434 |           | 25-120 |     | 89         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 27.955 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 17.333 |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 38.703 |           | 20-125 |     | 97         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 36.81  |           | 20-130 |     | 92         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 34.211 |           | 20-120 |     | 86         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 27.848 |           | 1-146  |     | 70         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 38.675 |           | 25-130 |     | 97         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 39.01  |           | 10-130 |     | 98         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 6.523  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 40.595 |           | 25-125 |     | 101        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 35.935 |           | 10-130 |     | 90         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 48.976 |           | 25-130 |     | 122        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 48.037 |           | 15-130 |     | 120        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 48.545 |           | 20-130 |     | 121        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 70356  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 288093 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 172317 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 344382 | 17.063    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | FB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-25       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044872.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                            | Parameter                  | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|----------------------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12               | 317887 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12               | 387949 | 23.492    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                            |        |           |     |     |            |       |
| 000057-10-3                           | n-Hexadecanoic acid        | 4.4    | J         |     |     | 17.968     |       |
| 000693-71-0                           | trans-13-Octadecenoic acid | 4.7    | J         |     |     | 19.139     |       |
| 000057-11-4                           | Octadecanoic acid          | 3.9    | J         |     |     | 19.262     |       |
| E966796                               | Total Alkanes              | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | EB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-26       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044873.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 0.49  | U         | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 1.4   | U         | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.4   | U         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | U         | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.3   | U         | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | EB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-26       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044873.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 0.84  | U         | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 5.9   | U         | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 0.94  | U         | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 3.6   | U         | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1.6   | U         | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 1.7   | U         | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 1.1   | U         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 1.8   | U         | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | EB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-26       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044873.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 1.4    | U         | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 1.6    | U         | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 1.7    | U         | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 1.5    | U         | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.314  |           | 15-120 |     | 66         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 7.72   | *         | 20-120 |     | 19         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 7.367  |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 36.379 |           | 25-120 |     | 91         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 28.256 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 16.486 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 39.451 |           | 20-125 |     | 99         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 37.372 |           | 20-130 |     | 93         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 33.707 |           | 20-120 |     | 84         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 28.682 |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 40.125 |           | 25-130 |     | 100        | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 39.789 |           | 10-130 |     | 99         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 5.935  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 41.381 |           | 25-125 |     | 103        | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 31.079 |           | 10-130 |     | 78         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 44.165 |           | 25-130 |     | 110        | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 46.118 |           | 15-130 |     | 115        | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 46.274 |           | 20-130 |     | 116        | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 69494  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 283875 | 10.434    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 163786 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 357896 | 17.063    |        |     |            |          |



Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 3/28/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 3/28/2024 12:00:00 AM |
| Client Sample ID:  | EB(20240328)   | SDG No.:        | BM040124              |
| Lab Sample ID:     | P1925-26       | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044873.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                     | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                      | Chrysene-d12  | 304046 | 21.262    |     |     |            |       |
| 1520-96-3                      | Perylene-d12  | 363872 | 23.492    |     |     |            |       |
| TENTATIVE IDENTIFIED COMPOUNDS |               |        |           |     |     |            |       |
| 000112-80-1                    | Oleic Acid    | 5.1    | J         |     |     | 19.139     |       |
| E966796                        | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BS     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044874.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    |           | 0.49 | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 33    |           | 2.5  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 37    |           | 1.4  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 32    |           | 1.4  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 32    |           | 1.3  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 31    |           | 1.4  | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 37    |           | 1.4  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 31    |           | 1.5  | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 31    |           | 1.4  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 33    |           | 1.6  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 33    |           | 1.1  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 37    |           | 1.4  | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 35    |           | 1.4  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 35    |           | 1.4  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 38    |           | 0.98 | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 33    |           | 1.5  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 37    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 34    |           | 1.3  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 7.6   | J         | 1.4  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 38    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 29    |           | 4.5  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    |           | 1.4  | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 34    |           | 1.3  | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 33    |           | 1.4  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 34    |           | 3.3  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 36    |           | 1.5  | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 37    |           | 1.5  | 2.5 | 5          | ug/L  |
| 92-52-4        | 1,1-Biphenyl                | 36    |           | 1.7  | 2.5 | 5          | ug/L  |
| 91-58-7        | 2-Chloronaphthalene         | 35    |           | 1.6  | 2.5 | 5          | ug/L  |
| 88-74-4        | 2-Nitroaniline              | 38    |           | 1.2  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BS     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044874.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 131-11-3   | Dimethylphthalate          | 34    |           | 1.5  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 34    |           | 1.1  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 29    |           | 0.84 | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 29    |           | 5.9  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 37    |           | 1.5  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 34    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 33    |           | 1.5  | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 36    |           | 1.5  | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 37    |           | 1.6  | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 33    |           | 1.3  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 36    |           | 0.94 | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 35    |           | 1.6  | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 38    |           | 1.8  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 40    |           | 1.5  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 42    |           | 1.6  | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 1.7   | J         | 1.6  | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 35    |           | 3.6  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 36    |           | 1.6  | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 44    |           | 1.5  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 37    |           | 1.4  | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 44    |           | 1.2  | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 33    |           | 1.6  | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 34    |           | 1.7  | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 35    |           | 1.7  | 5   | 5          | ug/L  |
| 129-00-0   | Pyrene                     | 35    |           | 1.7  | 2.5 | 5          | ug/L  |
| 85-68-7    | Butylbenzylphthalate       | 32    |           | 1.5  | 2.5 | 5          | ug/L  |
| 91-94-1    | 3,3-Dichlorobenzidine      | 3     | J         | 1.1  | 5   | 10         | ug/L  |
| 56-55-3    | Benzo(a)anthracene         | 35    |           | 1.4  | 2.5 | 5          | ug/L  |
| 218-01-9   | Chrysene                   | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 117-81-7   | Bis(2-ethylhexyl)phthalate | 32    |           | 1.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BS     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044874.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 117-84-0                  | Di-n-octyl phthalate          | 31     |           | 1.4    | 5   | 10         | ug/L     |
| 205-99-2                  | Benzo(b)fluoranthene          | 35     |           | 1.6    | 2.5 | 5          | ug/L     |
| 207-08-9                  | Benzo(k)fluoranthene          | 35     |           | 1.7    | 2.5 | 5          | ug/L     |
| 50-32-8                   | Benzo(a)pyrene                | 36     |           | 1.5    | 2.5 | 5          | ug/L     |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene        | 40     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3                   | Dibenzo(a,h)anthracene        | 41     |           | 1.4    | 2.5 | 5          | ug/L     |
| 191-24-2                  | Benzo(g,h,i)perylene          | 40     |           | 1.4    | 2.5 | 5          | ug/L     |
| 58-90-2                   | 2,3,4,6-Tetrachlorophenol     | 34     |           | 1.4    | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b>         |                               |        |           |        |     |            |          |
| 17647-74-4                | 1,4-Dioxane-d8                | 5.987  |           | 15-120 |     | 75         | SPK: -8  |
| 7291-22-7                 | Pyridine-d5                   | 27.967 |           | 20-120 |     | 70         | SPK: -40 |
| 4165-62-2                 | Phenol-d5                     | 32.383 |           | 10-130 |     | 81         | SPK: -40 |
| 93952-02-4                | Bis-(2-Chloroethyl)ether-d8   | 32.504 |           | 25-120 |     | 81         | SPK: -40 |
| 93951-73-6                | 2-Chlorophenol-d4             | 33.173 |           | 20-130 |     | 83         | SPK: -40 |
| 190780-66-6               | 4-Methylphenol-d8             | 32.017 |           | 25-125 |     | 80         | SPK: -40 |
| 4165-60-0                 | Nitrobenzene-d5               | 35.989 |           | 20-125 |     | 90         | SPK: -40 |
| 93951-78-1                | 2-Nitrophenol-d4              | 36.554 |           | 20-130 |     | 91         | SPK: -40 |
| 93951-74-7                | 2,4-Dichlorophenol-d3         | 39.17  |           | 20-120 |     | 98         | SPK: -40 |
| 191656-33-4               | 4-Chloroaniline-d4            | 2.244  |           | 1-146  |     | 6          | SPK: -40 |
| 85448-30-2                | Dimethylphthalate-d6          | 35.325 |           | 25-130 |     | 88         | SPK: -40 |
| 93951-97-4                | Acenaphthylene-d8             | 36.174 |           | 10-130 |     | 90         | SPK: -40 |
| 93951-79-2                | 4-Nitrophenol-d4              | 30.361 |           | 10-150 |     | 76         | SPK: -40 |
| 81103-79-9                | Fluorene-d10                  | 35.241 |           | 25-125 |     | 88         | SPK: -40 |
| 93951-76-9                | 4,6-Dinitro-2-methylphenol-d2 | 37.27  |           | 10-130 |     | 93         | SPK: -40 |
| 1719-06-8                 | Anthracene-d10                | 38.009 |           | 25-130 |     | 95         | SPK: -40 |
| 1718-52-1                 | Pyrene-d10                    | 36.664 |           | 15-130 |     | 92         | SPK: -40 |
| 63466-71-7                | Benzo(a)pyrene-d12            | 37.626 |           | 20-130 |     | 94         | SPK: -40 |
| <b>INTERNAL STANDARDS</b> |                               |        |           |        |     |            |          |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4        | 80910  | 7.657     |        |     |            |          |
| 1146-65-2                 | Naphthalene-d8                | 334707 | 10.433    |        |     |            |          |
| 15067-26-2                | Acenaphthene-d10              | 190990 | 14.304    |        |     |            |          |
| 1517-22-2                 | Phenanthrene-d10              | 351869 | 17.062    |        |     |            |          |



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 4/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 4/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS928        | SDG No.:        | BM040124             |
| Lab Sample ID:     | PB159928BS     | Matrix:         | Water                |
| Analytical Method: | SFAM_SVOC      | % 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 |
| BM044874.D        | 1         | 4/1/2024 12:00:00 AM | 4/1/2024 12:00:00 AM | PB159928      |

| CAS Number                            | Parameter     | Conc.  | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|---------------------------------------|---------------|--------|-----------|-----|-----|------------|-------|
| 1719-03-5                             | Chrysene-d12  | 309932 | 21.262    |     |     |            |       |
| 1520-96-3                             | Perylene-d12  | 353708 | 23.491    |     |     |            |       |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |               |        |           |     |     |            |       |
| E966796                               | Total Alkanes | 1.7    | U         |     |     | 99         | ug/L  |

Hit Summary Sheet  
SW-846

SDG No.: BM040124

Client:

| Sample ID                    | Client ID        |       | Parameter                          | Concentration | C   | MDL | RDL | Units |
|------------------------------|------------------|-------|------------------------------------|---------------|-----|-----|-----|-------|
| Client ID : PMW-6(20240326)  |                  |       |                                    |               |     |     |     |       |
| P1925-01                     | PMW-6(20240326)  | Water | 1-Tetradecanamine, N,N-dimethyl *  | 2.400         | J   |     |     |       |
| P1925-01                     | PMW-6(20240326)  | Water | Benzene, 1,2,3-trichloro- *        | 2.000         | J   |     |     |       |
| P1925-01                     | PMW-6(20240326)  | Water | Benzene, 1,3-dichloro- *           | 56.000        | J   |     |     |       |
| P1925-01                     | PMW-6(20240326)  | Water | Total Alkanes *                    | 0.000         | 1.7 |     | 5   | ug/L  |
| Total Tics :                 |                  |       |                                    | 60.40         |     |     |     |       |
| Total Concentration:         |                  |       |                                    | 60.40         |     |     |     |       |
| Client ID : PMW-4(20240326)  |                  |       |                                    |               |     |     |     |       |
| P1925-02                     | PMW-4(20240326)  | Water | 1-Tetradecanamine, N,N-dimethyl *  | 6.200         | J   |     |     |       |
| P1925-02                     | PMW-4(20240326)  | Water | Benzene, 1,3-dichloro- *           | 3.000         | J   |     |     |       |
| P1925-02                     | PMW-4(20240326)  | Water | n-Hexadecanoic acid *              | 3.300         | J   |     |     |       |
| P1925-02                     | PMW-4(20240326)  | Water | Total Alkanes *                    | 0.000         | 1.7 |     | 5   | ug/L  |
| Total Tics :                 |                  |       |                                    | 12.50         |     |     |     |       |
| Total Concentration:         |                  |       |                                    | 12.50         |     |     |     |       |
| Client ID : PMW-3(20240326)  |                  |       |                                    |               |     |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | 4H-Pyran-4-one, 2,6-dimethyl- *    | 2.200         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | 7-Methylindan-1-one *              | 2.300         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | Benzene, (1-methyl-1-propenyl)-, * | 2.700         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | Capro lactam *                     | 2.400         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | n-Hexadecanoic acid *              | 3.100         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | Naphthalene, 1-methyl- *           | 5.500         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | Naphthalene, 2-methyl- *           | 3.400         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | unknown-01 *                       | 2.600         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | unknown-02 *                       | 3.700         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | unknown-03 *                       | 3.200         | J   |     |     |       |
| P1925-03                     | PMW-3(20240326)  | Water | Total Alkanes *                    | 0.000         | 1.7 |     | 5   | ug/L  |
| Total Tics :                 |                  |       |                                    | 31.10         |     |     |     |       |
| Total Concentration:         |                  |       |                                    | 31.10         |     |     |     |       |
| Client ID : PMW-10(20240326) |                  |       |                                    |               |     |     |     |       |
| P1925-04                     | PMW-10(20240326) | Water | Benzenamine, 3-methyl- *           | 2.700         | J   |     |     |       |
| P1925-04                     | PMW-10(20240326) | Water | Capro lactam *                     | 5.300         | J   |     |     |       |
| P1925-04                     | PMW-10(20240326) | Water | Total Alkanes *                    | 0.000         | 1.7 |     | 5.1 | ug/L  |
| Total Tics :                 |                  |       |                                    | 8.00          |     |     |     |       |
| Total Concentration:         |                  |       |                                    | 8.00          |     |     |     |       |
| Client ID : FB(20240326)     |                  |       |                                    |               |     |     |     |       |
| P1925-05                     | FB(20240326)     | Water | 9-Octadecenoic acid *              | 3.300         | J   |     |     |       |
| P1925-05                     | FB(20240326)     | Water | n-Hexadecanoic acid *              | 2.300         | J   |     |     |       |

Hit Summary Sheet  
SW-846

SDG No.: BM040124

Client:

| Sample ID                   | Client ID       |       | Parameter                                       | Concentration | C       | MDL    | RDL | Units |
|-----------------------------|-----------------|-------|-------------------------------------------------|---------------|---------|--------|-----|-------|
| P1925-05                    | FB(20240326)    | Water | Total Alkanes                                   | *             | 0.000   | 1.7    | 5   | ug/L  |
| Total Tics :                |                 |       |                                                 |               |         | 5.60   |     |       |
| Total Concentration:        |                 |       |                                                 |               |         | 5.60   |     |       |
| Client ID : PMW-2(20240327) |                 |       |                                                 |               |         |        |     |       |
| P1925-07                    | PMW-2(20240327) | Water | (DEL) Alkane: Straight-Chain20.9                | *             | 2.400   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | 1-Naphthalenamine                               | *             | 120.000 | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | 2-Naphthalenamine                               | *             | 4.500   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | Benzene, 1,3-dichloro-                          | *             | 2.400   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | Benzene, tert-butyl-                            | *             | 2.800   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | Capro lactam                                    | *             | 5.500   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | n-Hexadecanoic acid                             | *             | 2.100   | J      |     |       |
| P1925-07                    | PMW-2(20240327) | Water | Total Alkanes                                   | *             | 2.400   | 1.7    | 5   | ug/L  |
| Total Tics :                |                 |       |                                                 |               |         | 142.10 |     |       |
| Total Concentration:        |                 |       |                                                 |               |         | 142.10 |     |       |
| Client ID : PMW-5(20240328) |                 |       |                                                 |               |         |        |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 1,3,5-Triazine-2,4-diamine, 6-phenyl            | *             | 5.000   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 1-Decanol                                       | *             | 2.300   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 1-Phenyl-1-butene                               | *             | 71.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 1H-Indene, 2,3-dihydro-4-methyl-                | *             | 25.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 3-tert-Butyl-4-hydroxyanisole                   | *             | 2.400   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | 9,10-Anthracenedione, 1-amino-                  | *             | 5.000   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzene, 1,2,3,4-tetrachloro-                   | *             | 10.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzene, 1,2,3,4-tetramethyl-                   | *             | 55.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzene, 1,2,4,5-tetrachloro-                   | *             | 5.100   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzene, 1,2,4,5-tetramethyl-                   | *             | 34.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzene, 1,3-dimethyl-                          | *             | 15.000  | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Benzoic acid, 3,5-bis(1,1-dimethyl-2-propenyl)- | *             | 2.600   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Capro lactam                                    | *             | 5.600   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Dehydroabietic acid                             | *             | 8.200   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Disiloxane, 1,3-bis(chloromethyl)-              | *             | 5.900   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Dodecanoic acid                                 | *             | 2.800   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Ethylbenzene                                    | *             | 3.800   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Mesitylene                                      | *             | 4.400   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | n-Hexadecanoic acid                             | *             | 6.000   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Naphthalene, 1-methyl-                          | *             | 3.800   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Naphthalene, 2-methyl-                          | *             | 2.100   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Octadecanoic acid                               | *             | 3.800   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Phenol, 2,3,4-trichloro-                        | *             | 4.300   | J      |     |       |
| P1925-18                    | PMW-5(20240328) | Water | Phenol, 2,3,6-trichloro-                        | *             | 5.300   | J      |     |       |

Hit Summary Sheet  
SW-846

SDG No.: BM040124

Client:

| Sample ID            | Client ID       |       | Parameter                          | Concentration | C      | MDL | RDL | Units |
|----------------------|-----------------|-------|------------------------------------|---------------|--------|-----|-----|-------|
| P1925-18             | PMW-5(20240328) | Water | Phenol, 2,4,5-trichloro-           | *             | 8.700  | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | Phenol, 2-(1,1-dimethylethyl)-4-tr | *             | 21.000 | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | Phthalazin-1-one                   | *             | 2.200  | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | Phthalic anhydride                 | *             | 2.800  | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | Trichloroacetic acid, hexadecyl es | *             | 2.000  | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | unknown-01                         | *             | 4.400  | J   |     |       |
| P1925-18             | PMW-5(20240328) | Water | Total Alkanes                      | *             | 0.000  | 1.7 | 5   | ug/L  |
| Total Tics :         |                 |       |                                    |               | 329.50 |     |     |       |
| Total Concentration: |                 |       |                                    |               | 329.50 |     |     |       |
| Client ID :          | MW-2(20240328)  |       |                                    |               |        |     |     |       |
| P1925-19             | MW-2(20240328)  | Water | Total Alkanes                      | *             | 0.000  | 1.7 | 5   | ug/L  |
| Total Tics :         |                 |       |                                    |               | 0.00   |     |     |       |
| Total Concentration: |                 |       |                                    |               | 0.00   |     |     |       |
| Client ID :          | MW-1(20240328)  |       |                                    |               |        |     |     |       |
| P1925-20             | MW-1(20240328)  | Water | Benzene, 1,2,3-trichloro-          | *             | 5.800  | J   |     |       |
| P1925-20             | MW-1(20240328)  | Water | Total Alkanes                      | *             | 0.000  | 1.7 | 5   | ug/L  |
| Total Tics :         |                 |       |                                    |               | 5.80   |     |     |       |
| Total Concentration: |                 |       |                                    |               | 5.80   |     |     |       |
| Client ID :          | DUP-1(20240328) |       |                                    |               |        |     |     |       |
| P1925-21             | DUP-1(20240328) | Water | 1,3,5-Triazine-2,4-diamine, 6-phen | *             | 4.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | 1,4-Methanonaphthalene, 1,4-dihy   | *             | 3.200  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | 1H-Indene, 2,3-dihydro-4-methyl-   | *             | 21.000 | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | 2,4-Dimethylstyrene                | *             | 56.000 | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | 9,10-Anthracenedione, 1-amino-     | *             | 4.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1,2,3,4-tetrachloro-      | *             | 3.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1,2,3,4-tetramethyl-      | *             | 45.000 | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1,2,3,5-tetrachloro-      | *             | 8.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1,2,4,5-tetramethyl-      | *             | 27.000 | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1,3-dichloro-             | *             | 8.300  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzene, 1-ethyl-2-methyl-         | *             | 2.000  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Benzoic acid, 3,5-bis(1,1-dimethy  | *             | 2.500  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Capro lactam                       | *             | 4.100  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Dehydroabietic acid                | *             | 7.300  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Ethylbenzene                       | *             | 2.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Farnesol isomer a                  | *             | 2.200  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Mesitylene                         | *             | 3.200  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | n-Hexadecanoic acid                | *             | 3.800  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Octadecanoic acid                  | *             | 2.500  | J   |     |       |
| P1925-21             | DUP-1(20240328) | Water | Phenol, 2,3,5-trichloro-           | *             | 3.400  | J   |     |       |

Hit Summary Sheet  
SW-846

SDG No.: BM040124

Client:

| Sample ID                | Client ID       |       | Parameter                         | Concentration | C      | MDL |     | RDL | Units |
|--------------------------|-----------------|-------|-----------------------------------|---------------|--------|-----|-----|-----|-------|
| P1925-21                 | DUP-1(20240328) | Water | Phenol, 2,3,6-trichloro-          | *             | 4.800  | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | Phenol, 2,4,5-trichloro-          | *             | 7.200  | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | Phenol, 2-(1,1-dimethylethyl)-4-n | *             | 18.000 | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | Thiophene, 2,5-dibutyl-           | *             | 5.000  | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | Tridecanoic acid                  | *             | 2.200  | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | unknown-01                        | *             | 3.700  | J   |     |     |       |
| P1925-21                 | DUP-1(20240328) | Water | Total Alkanes                     | *             | 0.000  |     | 1.7 | 5   | ug/L  |
| Total Tics :             |                 |       |                                   |               | 257.40 |     |     |     |       |
| Total Concentration:     |                 |       |                                   |               | 257.40 |     |     |     |       |
| Client ID : FB(20240328) |                 |       |                                   |               |        |     |     |     |       |
| P1925-25                 | FB(20240328)    | Water | n-Hexadecanoic acid               | *             | 4.400  | J   |     |     |       |
| P1925-25                 | FB(20240328)    | Water | Octadecanoic acid                 | *             | 3.900  | J   |     |     |       |
| P1925-25                 | FB(20240328)    | Water | trans-13-Octadecenoic acid        | *             | 4.700  | J   |     |     |       |
| P1925-25                 | FB(20240328)    | Water | Total Alkanes                     | *             | 0.000  |     | 1.7 | 5   | ug/L  |
| Total Tics :             |                 |       |                                   |               | 13.00  |     |     |     |       |
| Total Concentration:     |                 |       |                                   |               | 13.00  |     |     |     |       |
| Client ID : EB(20240328) |                 |       |                                   |               |        |     |     |     |       |
| P1925-26                 | EB(20240328)    | Water | Oleic Acid                        | *             | 5.100  | J   |     |     |       |
| P1925-26                 | EB(20240328)    | Water | Total Alkanes                     | *             | 0.000  |     | 1.7 | 5   | ug/L  |
| Total Tics :             |                 |       |                                   |               | 5.10   |     |     |     |       |
| Total Concentration:     |                 |       |                                   |               | 5.10   |     |     |     |       |

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BM030524 SAS No.: BM030524 SDG No.: BM030524

Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/5/2024 1: \_\_\_\_\_

Calibration Time(s): 14:03 \_\_\_\_\_

| LAB FILE ID:               |        | RRFAL1 = BM044500.D |        | RRFAL2 = BM044501.D |        | RRFAL3 = BM044502.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRFAL4 = BM044503.D |        | RRFAL5 = BM044504.D |        | RRFAL6 = BM044505.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.590  | 0.599               | 0.586  | 0.645               | 0.632  |                     | 0.610 | 4.3   |
| Benzaldehyde               |        | 0.974               | 1.047  | 1.029               | 0.784  | 0.644               | 0.896 | 19.5  |
| Pyridine                   |        | 1.645               | 1.680  | 1.906               | 1.921  | 1.849               | 1.800 | 7.2   |
| Hexachloroethane           | 0.591  | 0.621               | 0.615  | 0.686               | 0.680  |                     | 0.638 | 6.6   |
| Nitrobenzene               | 0.365  | 0.383               | 0.382  | 0.432               | 0.434  |                     | 0.399 | 7.9   |
| Isophorone                 | 0.726  | 0.777               | 0.791  | 0.892               | 0.889  |                     | 0.815 | 9.0   |
| 2-Nitrophenol              | 0.170  | 0.184               | 0.192  | 0.220               | 0.223  |                     | 0.198 | 11.7  |
| 2,4-Dimethylphenol         | 0.316  | 0.342               | 0.343  | 0.402               | 0.397  |                     | 0.360 | 10.5  |
| Bis(2-Chloroethoxy)methane | 0.485  | 0.494               | 0.493  | 0.549               | 0.541  |                     | 0.512 | 5.9   |
| 2,4-Dichlorophenol         | 0.274  | 0.293               | 0.299  | 0.339               | 0.337  |                     | 0.308 | 9.3   |
| Naphthalene                | 1.073  | 1.096               | 1.092  | 1.216               | 1.186  |                     | 1.133 | 5.7   |
| 4-Chloroaniline            |        | 0.466               | 0.474  | 0.539               | 0.534  | 0.460               | 0.495 | 7.8   |
| Hexachlorobutadiene        | 0.161  | 0.170               | 0.169  | 0.184               | 0.181  |                     | 0.173 | 5.4   |
| Phenol                     |        | 1.872               | 1.919  | 2.231               | 2.277  | 2.194               | 2.099 | 9.0   |
| Caprolactam                |        | 0.104               | 0.111  | 0.127               | 0.130  | 0.128               | 0.120 | 9.6   |
| 4-Chloro-3-methylphenol    | 0.311  | 0.335               | 0.348  | 0.396               | 0.399  |                     | 0.358 | 10.8  |
| 1-Methylnaphthalene        | 0.691  | 0.724               | 0.719  | 0.799               | 0.783  |                     | 0.743 | 6.1   |
| 2-Methylnaphthalene        | 0.691  | 0.732               | 0.731  | 0.812               | 0.800  |                     | 0.753 | 6.8   |
| Hexachlorocyclopentadiene  |        | 0.323               | 0.383  | 0.400               | 0.400  | 0.383               | 0.378 | 8.4   |
| 2,4,6-Trichlorophenol      | 0.352  | 0.370               | 0.378  | 0.449               | 0.446  |                     | 0.399 | 11.3  |
| 2,4,5-Trichlorophenol      | 0.375  | 0.402               | 0.401  | 0.478               | 0.482  |                     | 0.427 | 11.5  |
| 1,1-Biphenyl               | 1.519  | 1.557               | 1.500  | 1.711               | 1.654  |                     | 1.588 | 5.7   |
| 2-Chloronaphthalene        | 1.160  | 1.217               | 1.188  | 1.354               | 1.313  |                     | 1.246 | 6.7   |
| 2-Nitroaniline             | 0.332  | 0.352               | 0.366  | 0.446               | 0.460  |                     | 0.391 | 14.8  |
| Bis(2-Chloroethyl)ether    |        | 1.602               | 1.617  | 1.839               | 1.811  | 1.747               | 1.723 | 6.3   |
| Dimethylphthalate          | 1.497  | 1.573               | 1.521  | 1.727               | 1.664  |                     | 1.596 | 6.1   |
| 2,6-Dinitrotoluene         | 0.272  | 0.293               | 0.299  | 0.361               | 0.370  |                     | 0.319 | 13.7  |
| Acenaphthylene             | 1.936  | 2.058               | 2.003  | 2.288               | 2.171  |                     | 2.091 | 6.7   |
| 3-Nitroaniline             |        | 0.289               | 0.326  | 0.374               | 0.373  | 0.360               | 0.344 | 10.7  |
| Acenaphthene               | 1.305  | 1.354               | 1.308  | 1.479               | 1.428  |                     | 1.375 | 5.6   |
| 2,4-Dinitrophenol          |        | 0.124               | 0.180  | 0.220               | 0.247  | 0.250               | 0.204 | 25.9  |
| 4-Nitrophenol              |        | 0.183               | 0.205  | 0.249               | 0.259  | 0.244               | 0.228 | 14.3  |
| Dibenzofuran               | 1.770  | 1.836               | 1.751  | 1.960               | 1.827  |                     | 1.829 | 4.5   |
| 2,4-Dinitrotoluene         | 0.394  | 0.428               | 0.444  | 0.522               | 0.514  |                     | 0.460 | 12.1  |
| Diethylphthalate           | 1.560  | 1.619               | 1.569  | 1.801               | 1.736  |                     | 1.657 | 6.4   |
| 2-Chlorophenol             | 1.401  | 1.455               | 1.506  | 1.711               | 1.719  |                     | 1.559 | 9.5   |

All other compounds must meet a minimum RRF of 0.010.

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BM030524 SAS No.: BM030524 SDG No.: BM030524

Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/5/2024 1: \_\_\_\_\_

Calibration Time(s): 14:03 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BM044500.D |        | RRFAL2 = BM044501.D |        | RRFAL3 = BM044502.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BM044503.D |        | RRFAL5 = BM044504.D |        | RRFAL6 = BM044505.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.485  | 1.528               | 1.440  | 1.598               | 1.427  |                     | 1.496 | 4.7   |
| 4-Chlorophenyl-phenylether   | 0.696  | 0.710               | 0.675  | 0.738               | 0.652  |                     | 0.694 | 4.7   |
| 4-Nitroaniline               |        | 0.303               | 0.335  | 0.372               | 0.339  | 0.296               | 0.329 | 9.2   |
| 4,6-Dinitro-2-methylphenol   |        | 0.111               | 0.130  | 0.155               | 0.156  | 0.141               | 0.139 | 13.5  |
| N-Nitrosodiphenylamine       | 0.547  | 0.589               | 0.587  | 0.654               | 0.635  |                     | 0.602 | 7.0   |
| 1,2,4,5-Tetrachlorobenzene   | 0.529  | 0.552               | 0.537  | 0.617               | 0.611  |                     | 0.569 | 7.4   |
| 4-Bromophenyl-phenylether    | 0.187  | 0.190               | 0.192  | 0.216               | 0.215  |                     | 0.200 | 7.0   |
| Hexachlorobenzene            | 0.215  | 0.221               | 0.219  | 0.246               | 0.239  |                     | 0.228 | 6.0   |
| Atrazine                     |        | 0.197               | 0.197  | 0.216               | 0.200  | 0.174               | 0.197 | 7.6   |
| Pentachlorophenol            |        | 0.127               | 0.139  | 0.167               | 0.168  | 0.151               | 0.150 | 11.8  |
| 2-Methylphenol               |        | 1.401               | 1.468  | 1.710               | 1.719  | 1.665               | 1.593 | 9.3   |
| Phenanthrene                 | 1.067  | 1.110               | 1.101  | 1.224               | 1.171  |                     | 1.135 | 5.5   |
| Pentachlorobenzene           | 0.242  | 0.251               | 0.250  | 0.279               | 0.269  |                     | 0.258 | 5.9   |
| Anthracene                   | 1.074  | 1.131               | 1.121  | 1.240               | 1.171  |                     | 1.147 | 5.4   |
| 1,2,3,4-Tetrachlorobenzene   | 0.243  | 0.255               | 0.257  | 0.290               | 0.291  |                     | 0.267 | 8.1   |
| Carbazole                    |        | 1.064               | 1.065  | 1.187               | 1.129  | 0.947               | 1.078 | 8.3   |
| Di-n-butylphthalate          | 1.401  | 1.393               | 1.399  | 1.565               | 1.493  |                     | 1.450 | 5.3   |
| Fluoranthene                 | 1.369  | 1.332               | 1.379  | 1.594               | 1.629  |                     | 1.461 | 9.5   |
| Pyrene                       | 1.452  | 1.436               | 1.441  | 1.647               | 1.628  |                     | 1.521 | 7.0   |
| Butylbenzylphthalate         | 0.691  | 0.679               | 0.692  | 0.829               | 0.848  |                     | 0.748 | 11.1  |
| 3,3-Dichlorobenzidine        |        | 0.463               | 0.459  | 0.501               | 0.419  | 0.321               | 0.433 | 15.9  |
| 2,2-oxybis (1-Chloropropane) |        | 2.115               | 2.154  | 2.443               | 2.368  | 2.297               | 2.276 | 6.1   |
| Benzo (a) anthracene         | 1.403  | 1.469               | 1.467  | 1.615               | 1.555  |                     | 1.502 | 5.5   |
| Chrysene                     | 1.298  | 1.376               | 1.354  | 1.498               | 1.427  |                     | 1.391 | 5.5   |
| Bis (2-ethylhexyl) phthalate | 1.123  | 1.042               | 1.063  | 1.168               | 1.056  |                     | 1.090 | 4.9   |
| Di-n-octyl phthalate         |        | 1.523               | 1.662  | 1.938               | 2.017  | 1.810               | 1.790 | 11.2  |
| Benzo (b) fluoranthene       | 1.240  | 1.295               | 1.267  | 1.439               | 1.450  |                     | 1.338 | 7.4   |
| Benzo (k) fluoranthene       | 1.211  | 1.207               | 1.321  | 1.430               | 1.385  |                     | 1.311 | 7.7   |
| Benzo (a) pyrene             | 1.163  | 1.205               | 1.213  | 1.363               | 1.315  |                     | 1.252 | 6.7   |
| Indeno (1,2,3-cd) pyrene     | 1.313  | 1.397               | 1.398  | 1.531               | 1.382  |                     | 1.404 | 5.6   |
| Dibenzo (a,h) anthracene     | 1.092  | 1.160               | 1.170  | 1.287               | 1.145  |                     | 1.171 | 6.1   |
| Benzo (g,h,i) perylene       | 1.054  | 1.117               | 1.117  | 1.209               | 1.106  |                     | 1.121 | 5.0   |
| Acetophenone                 |        | 2.368               | 2.457  | 2.761               | 2.606  | 2.330               | 2.505 | 7.1   |
| 2,3,4,6-Tetrachlorophenol    | 0.325  | 0.332               | 0.332  | 0.390               | 0.390  |                     | 0.354 | 9.3   |
| 1,4-Dioxane-d8               | 0.576  | 0.589               | 0.548  | 0.625               | 0.610  |                     | 0.590 | 5.0   |
| Pyridine-d5                  |        | 1.519               | 1.613  | 1.859               | 1.869  | 1.818               | 1.736 | 9.2   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BM030524 SAS No.: BM030524 SDG No.: BM030524  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 3/5/2024 1: \_\_\_\_\_  
Calibration Time(s): 14:03 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BM044500.D |        |        | RRFAL2 = BM044501.D |        | RRFAL3 = BM044502.D |       |
|                             |        | RRFAL4 = BM044503.D |        |        | RRFAL5 = BM044504.D |        | RRFAL6 = BM044505.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.796               | 1.883  | 2.176  | 2.219               | 2.207  | 2.056               | 9.8   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.173               | 1.208  | 1.358  | 1.330               | 1.281  | 1.270               | 6.2   |
| 2-Chlorophenol-d4           | 1.334  | 1.404               | 1.447  | 1.675  | 1.696               |        | 1.511               | 10.9  |
| 4-Methylphenol-d8           |        | 1.402               | 1.474  | 1.738  | 1.754               | 1.707  | 1.615               | 10.2  |
| Nitrobenzene-d5             | 0.145  | 0.157               | 0.162  | 0.188  | 0.190               |        | 0.168               | 11.8  |
| 2-Nitrophenol-d4            | 0.150  | 0.166               | 0.175  | 0.205  | 0.212               |        | 0.182               | 14.6  |
| 2,4-Dichlorophenol-d3       | 0.269  | 0.288               | 0.302  | 0.341  | 0.344               |        | 0.309               | 10.6  |
| 4-Chloroaniline-d4          |        | 0.485               | 0.487  | 0.557  | 0.550               | 0.487  | 0.513               | 7.2   |
| 4-Methylphenol              |        | 1.538               | 1.599  | 1.868  | 1.865               | 1.798  | 1.734               | 8.9   |
| Dimethylphthalate-d6        | 1.473  | 1.526               | 1.490  | 1.703  | 1.652               |        | 1.569               | 6.5   |
| Acenaphthylene-d8           | 1.625  | 1.717               | 1.722  | 1.976  | 1.932               |        | 1.794               | 8.4   |
| 4-Nitrophenol-d4            |        | 0.259               | 0.295  | 0.361  | 0.370               | 0.341  | 0.325               | 14.4  |
| Fluorene-d10                | 1.251  | 1.300               | 1.249  | 1.430  | 1.362               |        | 1.318               | 5.9   |
| 4,6-Dinitro-2-methylphenol  |        | 0.102               | 0.119  | 0.144  | 0.148               | 0.136  | 0.130               | 14.8  |
| Anthracene-d10              | 0.890  | 0.931               | 0.929  | 1.041  | 0.989               |        | 0.956               | 6.2   |
| Pyrene-d10                  | 1.152  | 1.136               | 1.170  | 1.337  | 1.338               |        | 1.227               | 8.3   |
| Benzo(a)pyrene-d12          | 0.966  | 0.999               | 1.013  | 1.140  | 1.138               |        | 1.051               | 7.8   |
| N-Nitroso-di-n-propylamine  | 1.152  | 1.245               | 1.262  | 1.448  | 1.364               |        | 1.294               | 8.8   |

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: CHEMTECHLab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG NO.: BM040124EPA Sample No.: SSTD020022Date Analyzed: Apr 1 2024 12:00AMLab File ID: BM044502.DTime Analyzed: 10:43Instrument ID: BNA\_MGC Column: ZB-GR ID: 0.25 (mm)

|    |                   | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----|-------------------|---------------------|-------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD       | 270713              | 7.734 | 1.24463e+06         | 10.52  | 775776              | 14.37  |
|    | UPPER LIMIT       | 541426              | 8.234 | 2489260             | 11.016 | 1551552             | 14.868 |
|    | LOWER LIMIT       | 135356.5            | 7.234 | 622315              | 10.016 | 387888              | 13.868 |
|    | EPA SAMPLE NO.    |                     |       |                     |        |                     |        |
| 01 | SBLK895           | 108053 *            | 7.66  | 458912 *            | 10.44  | 276511 *            | 14.31  |
| 02 | PMW-6 (20240326)  | 99190 *             | 7.66  | 395415 *            | 10.44  | 225710 *            | 14.30  |
| 03 | PMW-4 (20240326)  | 94509 *             | 7.66  | 379351 *            | 10.43  | 214600 *            | 14.30  |
| 04 | PMW-3 (20240326)  | 95781 *             | 7.66  | 399292 *            | 10.44  | 230316 *            | 14.30  |
| 05 | PMW-10 (20240326) | 94121 *             | 7.66  | 402862 *            | 10.43  | 238338 *            | 14.30  |
| 06 | FB (20240326)     | 87643 *             | 7.66  | 365084 *            | 10.43  | 207300 *            | 14.30  |
| 07 | PMW-2 (20240327)  | 87945 *             | 7.66  | 356991 *            | 10.43  | 199726 *            | 14.30  |
| 08 | SLCS895           | 91648 *             | 7.66  | 377053 *            | 10.44  | 209385 *            | 14.31  |
| 09 | SBLK928           | 104724 *            | 7.66  | 444242 *            | 10.43  | 269661 *            | 14.30  |
| 10 | PMW-5 (20240328)  | 97471 *             | 7.68  | 367024 *            | 10.50  | 237901 *            | 14.30  |
| 11 | MW-2 (20240328)   | 88762 *             | 7.66  | 365518 *            | 10.43  | 209229 *            | 14.30  |
| 12 | MW-1 (20240328)   | 81755 *             | 7.66  | 336238 *            | 10.43  | 188608 *            | 14.30  |
| 13 | DUP-1 (20240328)  | 98803 *             | 7.67  | 356341 *            | 10.49  | 218318 *            | 14.30  |
| 14 | FB (20240328)     | 70356 *             | 7.66  | 288093 *            | 10.43  | 172317 *            | 14.30  |
| 15 | EB (20240328)     | 69494 *             | 7.66  | 283875 *            | 10.43  | 163786 *            | 14.30  |
| 16 | SLCS928           | 80910 *             | 7.66  | 334707 *            | 10.43  | 190990 *            | 14.30  |
|    |                   |                     |       |                     |        |                     |        |



8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020022 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 20:30

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 270713              | 7.734 | 1.24463e+01         | 10.52  | 775776              | 14.37  |
| UPPER LIMIT    | 541426              | 8.234 | 2489260             | 11.016 | 1551552             | 14.868 |
| LOWER LIMIT    | 135356.5            | 7.234 | 622315              | 10.016 | 387888              | 13.868 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.



8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020085 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044857.D Time Analyzed: 10:43

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                      | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #  |
|----------------------|---------------------|-------|---------------------|--------|---------------------|-------|
| 12 HOUR STD          | 109268              | 7.657 | 471472              | 10.44  | 291289              | 14.31 |
| UPPER LIMIT          | 218536              | 8.157 | 942944              | 10.939 | 582578              | 14.81 |
| LOWER LIMIT          | 54634               | 7.157 | 235736              | 9.939  | 145644.5            | 13.81 |
| EPA SAMPLE NO.       |                     |       |                     |        |                     |       |
| 01 SBLK895           | 108053              | 7.66  | 458912              | 10.44  | 276511              | 14.31 |
| 02 PMW-6 (20240326)  | 99190               | 7.66  | 395415              | 10.44  | 225710              | 14.30 |
| 03 PMW-4 (20240326)  | 94509               | 7.66  | 379351              | 10.43  | 214600              | 14.30 |
| 04 PMW-3 (20240326)  | 95781               | 7.66  | 399292              | 10.44  | 230316              | 14.30 |
| 05 PMW-10 (20240326) | 94121               | 7.66  | 402862              | 10.43  | 238338              | 14.30 |
| 06 FB (20240326)     | 87643               | 7.66  | 365084              | 10.43  | 207300              | 14.30 |
| 07 PMW-2 (20240327)  | 87945               | 7.66  | 356991              | 10.43  | 199726              | 14.30 |
| 08 SLCS895           | 91648               | 7.66  | 377053              | 10.44  | 209385              | 14.31 |

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

\* Values outside of QC limits.



8B

## SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020086 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044866.D Time Analyzed: 16:13

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                     | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|---------------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD         | 104378              | 7.663 | 427296              | 10.44  | 240206              | 14.30  |
| UPPER LIMIT         | 208756              | 8.163 | 854592              | 10.939 | 480412              | 14.804 |
| LOWER LIMIT         | 52189               | 7.163 | 213648              | 9.939  | 120103              | 13.804 |
| EPA SAMPLE NO.      |                     |       |                     |        |                     |        |
| 01 SBLK928          | 104724              | 7.66  | 444242              | 10.43  | 269661              | 14.30  |
| 02 PMW-5 (20240328) | 97471               | 7.68  | 367024              | 10.50  | 237901              | 14.30  |
| 03 MW-2 (20240328)  | 88762               | 7.66  | 365518              | 10.43  | 209229              | 14.30  |
| 04 MW-1 (20240328)  | 81755               | 7.66  | 336238              | 10.43  | 188608              | 14.30  |
| 05 DUP-1 (20240328) | 98803               | 7.67  | 356341              | 10.49  | 218318              | 14.30  |
| 06 FB (20240328)    | 70356               | 7.66  | 288093              | 10.43  | 172317              | 14.30  |
| 07 EB (20240328)    | 69494               | 7.66  | 283875              | 10.43  | 163786              | 14.30  |
| 08 SLCS928          | 80910               | 7.66  | 334707              | 10.43  | 190990              | 14.30  |

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.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020022 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 10:43

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|    |                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|    | 12 HOUR STD       | 1.59626e+00         | 17.121 | 1.4675e+00          | 21.309 | 1.6044e+00          | 23.562 |
|    | UPPER LIMIT       | 3192520             | 17.621 | 2935000             | 21.809 | 3208800             | 24.062 |
|    | LOWER LIMIT       | 798130              | 16.621 | 733750              | 20.809 | 802200              | 23.062 |
|    | EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
| 01 | SBLK895           | 528312 *            | 17.06  | 359925 *            | 21.26  | 411236 *            | 23.50  |
| 02 | PMW-6 (20240326)  | 410098 *            | 17.06  | 340857 *            | 21.26  | 412907 *            | 23.49  |
| 03 | PMW-4 (20240326)  | 401666 *            | 17.06  | 349227 *            | 21.26  | 421697 *            | 23.49  |
| 04 | PMW-3 (20240326)  | 422719 *            | 17.06  | 343726 *            | 21.26  | 414596 *            | 23.49  |
| 05 | PMW-10 (20240326) | 443487 *            | 17.06  | 319651 *            | 21.26  | 366813 *            | 23.49  |
| 06 | FB (20240326)     | 376734 *            | 17.06  | 291633 *            | 21.26  | 340054 *            | 23.49  |
| 07 | PMW-2 (20240327)  | 368765 *            | 17.06  | 299120 *            | 21.26  | 355019 *            | 23.49  |
| 08 | SLCS895           | 371757 *            | 17.06  | 312928 *            | 21.27  | 362080 *            | 23.50  |
| 09 | SBLK928           | 507200 *            | 17.06  | 360816 *            | 21.26  | 400125 *            | 23.49  |
| 10 | PMW-5 (20240328)  | 453631 *            | 17.06  | 339881 *            | 21.26  | 385359 *            | 23.49  |
| 11 | MW-2 (20240328)   | 378235 *            | 17.06  | 305649 *            | 21.26  | 360790 *            | 23.49  |
| 12 | MW-1 (20240328)   | 344557 *            | 17.06  | 284274 *            | 21.26  | 345716 *            | 23.49  |
| 13 | DUP-1 (20240328)  | 412188 *            | 17.06  | 332148 *            | 21.26  | 388658 *            | 23.49  |
| 14 | FB (20240328)     | 344382 *            | 17.06  | 317887 *            | 21.26  | 387949 *            | 23.49  |
| 15 | EB (20240328)     | 357896 *            | 17.06  | 304046 *            | 21.26  | 363872 *            | 23.49  |
| 16 | SLCS928           | 351869 *            | 17.06  | 309932 *            | 21.26  | 353708 *            | 23.49  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020022 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044502.D Time Analyzed: 20:30

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1.59626e+00         | 17.121 | 1.4675e+00          | 21.309 | 1.6044e+00          | 23.562 |
| UPPER LIMIT    | 3192520             | 17.621 | 2935000             | 21.809 | 3208800             | 24.062 |
| LOWER LIMIT    | 798130              | 16.621 | 733750              | 20.809 | 802200              | 23.062 |
| 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.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020085 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044857.D Time Analyzed: 10:43

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|    |                   | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----|-------------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 01 | 12 HOUR STD       | 560182              | 17.063 | 409989              | 21.262 | 428916              | 23.497 |
|    | UPPER LIMIT       | 1120364             | 17.563 | 819978              | 21.762 | 857832              | 23.997 |
|    | LOWER LIMIT       | 280091              | 16.563 | 204994.5            | 20.762 | 214458              | 22.997 |
|    | EPA SAMPLE NO.    |                     |        |                     |        |                     |        |
|    | SBLK895           | 528312              | 17.06  | 359925              | 21.26  | 411236              | 23.50  |
|    | PMW-6 (20240326)  | 410098              | 17.06  | 340857              | 21.26  | 412907              | 23.49  |
|    | PMW-4 (20240326)  | 401666              | 17.06  | 349227              | 21.26  | 421697              | 23.49  |
|    | PMW-3 (20240326)  | 422719              | 17.06  | 343726              | 21.26  | 414596              | 23.49  |
|    | PMW-10 (20240326) | 443487              | 17.06  | 319651              | 21.26  | 366813              | 23.49  |
|    | FB (20240326)     | 376734              | 17.06  | 291633              | 21.26  | 340054              | 23.49  |
| 07 | PMW-2 (20240327)  | 368765              | 17.06  | 299120              | 21.26  | 355019              | 23.49  |
| 08 | SLCS895           | 371757              | 17.06  | 312928              | 21.27  | 362080              | 23.50  |

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.: BM040124 SAS No.: BM040124 SDG NO.: BM040124

EPA Sample No.: SSTD020086 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BM044866.D Time Analyzed: 16:13

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                     | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|---------------------|---------------------|--------|---------------------|--------|---------------------|--------|
|                     |                     |        |                     |        |                     |        |
| 12 HOUR STD         | 423067              | 17.062 | 346441              | 21.262 | 403335              | 23.497 |
| UPPER LIMIT         | 846134              | 17.562 | 692882              | 21.762 | 806670              | 23.997 |
| LOWER LIMIT         | 211533.5            | 16.562 | 173220.5            | 20.762 | 201667.5            | 22.997 |
| EPA SAMPLE NO.      |                     |        |                     |        |                     |        |
| 01 SBLK928          | 507200              | 17.06  | 360816              | 21.26  | 400125              | 23.49  |
| 02 PMW-5 (20240328) | 453631              | 17.06  | 339881              | 21.26  | 385359              | 23.49  |
| 03 MW-2 (20240328)  | 378235              | 17.06  | 305649              | 21.26  | 360790              | 23.49  |
| 04 MW-1 (20240328)  | 344557              | 17.06  | 284274              | 21.26  | 345716              | 23.49  |
| 05 DUP-1 (20240328) | 412188              | 17.06  | 332148              | 21.26  | 388658              | 23.49  |
| 06 FB (20240328)    | 344382              | 17.06  | 317887              | 21.26  | 387949              | 23.49  |
| 07 EB (20240328)    | 357896              | 17.06  | 304046              | 21.26  | 363872              | 23.49  |
| 08 SLCS928          | 351869              | 17.06  | 309932              | 21.26  | 353708              | 23.49  |

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.: **BM040124**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159895BS    | 1,4-Dioxane                 | 16    | 11     | ug/L | 69  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BM040124**

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

Analytical Method: **SFAM\_SVOC**

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159895BS    | 4,6-Dinitro-2-methylphenol | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BM040124**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159928BS    | 1,4-Dioxane                 | 16    | 11     | ug/L | 69  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 7.6    | ug/L | 19  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: **BM040124**

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

Analytical Method: **SFAM\_SVOC**

DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB159928BS    | 4,6-Dinitro-2-methylphenol | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 1.7    | ug/L | 4   |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 3      | ug/L | 8   |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 41     | ug/L | 103 |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK895

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM040124

SAS No.: BM040124 SDG NO.: BM040124

Lab File ID: BM044858.D

Lab Sample ID: PB159895BL

Instrument ID: BNA\_M

Date Extracted: 03/30/2024

Matrix: (soil/water) Water

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 10:43

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 |
|-------------------|------------------|----------------|------------------|
| PMW-6 (20240326)  | P1925-01         | BM044859.D     | 04/01/2024       |
| PMW-4 (20240326)  | P1925-02         | BM044860.D     | 04/01/2024       |
| PMW-3 (20240326)  | P1925-03         | BM044861.D     | 04/01/2024       |
| PMW-10 (20240326) | P1925-04         | BM044862.D     | 04/01/2024       |
| FB (20240326)     | P1925-05         | BM044863.D     | 04/01/2024       |
| PMW-2 (20240327)  | P1925-07         | BM044864.D     | 04/01/2024       |
| PB159895BS        | PB159895BS       | BM044865.D     | 04/01/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK928

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BM040124

SAS No.: BM040124 SDG NO.: BM040124

Lab File ID: BM044867.D

Lab Sample ID: PB159928BL

Instrument ID: BNA\_M

Date Extracted: 04/01/2024

Matrix: (soil/water) Water

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 16:13

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 |
|-------------------|------------------|----------------|------------------|
| PMW-5 (20240328)  | P1925-18         | BM044868.D     | 04/01/2024       |
| MW-2 (20240328)   | P1925-19         | BM044869.D     | 04/01/2024       |
| MW-1 (20240328)   | P1925-20         | BM044870.D     | 04/01/2024       |
| DUP-1 (20240328)  | P1925-21         | BM044871.D     | 04/01/2024       |
| FB (20240328)     | P1925-25         | BM044872.D     | 04/01/2024       |
| EB (20240328)     | P1925-26         | BM044873.D     | 04/01/2024       |
| PB159928BS        | PB159928BS       | BM044874.D     | 04/01/2024       |

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

Surrogate Summary  
SW-846

SDG No.: BM040124

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                  | Datafile | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|----------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |          |                               |                |                 |              |      | Low        | High |
| P1925-01      | PMW-6(20240326) BM044859.D |          | 1,4-Dioxane-d8                | 8              | 4.50            | 56           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 6.62            | 17           | *    | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 7.09            | 18           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 32.89           | 82           |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 25.38           | 63           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 15.72           | 39           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 35.87           | 90           |      | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 35.16           | 88           |      | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 31.51           | 79           |      | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 23.45           | 59           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 34.34           | 86           |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 34.39           | 86           |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 4.57            | 11           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 34.33           | 86           |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.24           | 78           |      | 10         | 130  |
|               |                            |          | Anthracene-d10                | 40             | 39.57           | 99           |      | 25         | 130  |
|               |                            |          | Pyrene-d10                    | 40             | 40.11           | 100          |      | 15         | 130  |
|               |                            |          | Benzo(a)pyrene-d12            | 40             | 39.93           | 100          |      | 20         | 130  |
| P1925-02      | PMW-4(20240326) BM044860.D |          | 1,4-Dioxane-d8                | 8              | 4.93            | 62           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 11.90           | 30           |      | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 8.82            | 22           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 34.93           | 87           |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 28.93           | 72           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 18.85           | 47           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 38.67           | 97           |      | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 38.71           | 97           |      | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 36.91           | 92           |      | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 21.95           | 55           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 38.49           | 96           |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 39.53           | 99           |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 6.27            | 16           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 39.15           | 98           |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.91           | 85           |      | 10         | 130  |
|               |                            |          | Anthracene-d10                | 40             | 43.17           | 108          |      | 25         | 130  |
|               |                            |          | Pyrene-d10                    | 40             | 43.77           | 109          |      | 15         | 130  |
|               |                            |          | Benzo(a)pyrene-d12            | 40             | 42.92           | 107          |      | 20         | 130  |
| P1925-03      | PMW-3(20240326) BM044861.D |          | 1,4-Dioxane-d8                | 8              | 4.75            | 59           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 7.42            | 19           | *    | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 8.07            | 20           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 30.99           | 77           |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 25.41           | 64           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 17.62           | 44           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 33.11           | 83           |      | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 32.98           | 82           |      | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 31.45           | 79           |      | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 21.21           | 53           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 35.21           | 88           |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 34.58           | 86           |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 6.76            | 17           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 34.92           | 87           |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.84           | 82           |      | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BM040124

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID        | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                  |            |                               |                |                 |              |      | Low        | High |
| P1925-03      | PMW-3(20240326)  | BM044861.D | Anthracene-d10                | 40             | 39.37           | 98           |      | 25         | 130  |
|               |                  |            | Pyrene-d10                    | 40             | 40.52           | 101          |      | 15         | 130  |
|               |                  |            | Benzo(a)pyrene-d12            | 40             | 39.85           | 100          |      | 20         | 130  |
| P1925-04      | PMW-10(20240326) | BM044862.D | 1,4-Dioxane-d8                | 8              | 4.49            | 56           |      | 15         | 120  |
|               |                  |            | Pyridine-d5                   | 40             | 10.44           | 26           |      | 20         | 120  |
|               |                  |            | Phenol-d5                     | 40             | 7.73            | 19           |      | 10         | 130  |
|               |                  |            | Bis(2-Chloroethyl)ether-d8    | 40             | 37.60           | 94           |      | 25         | 120  |
|               |                  |            | 2-Chlorophenol-d4             | 40             | 27.03           | 68           |      | 20         | 130  |
|               |                  |            | 4-Methylphenol-d8             | 40             | 17.48           | 44           |      | 25         | 125  |
|               |                  |            | Nitrobenzene-d5               | 40             | 36.83           | 92           |      | 20         | 125  |
|               |                  |            | 2-Nitrophenol-d4              | 40             | 36.36           | 91           |      | 20         | 130  |
|               |                  |            | 2,4-Dichlorophenol-d3         | 40             | 33.44           | 84           |      | 20         | 120  |
|               |                  |            | 4-Chloroaniline-d4            | 40             | 27.28           | 68           |      | 1          | 146  |
|               |                  |            | Dimethylphthalate-d6          | 40             | 37.38           | 93           |      | 25         | 130  |
|               |                  |            | Acenaphthylene-d8             | 40             | 37.28           | 93           |      | 10         | 130  |
|               |                  |            | 4-Nitrophenol-d4              | 40             | 5.81            | 15           |      | 10         | 150  |
|               |                  |            | Fluorene-d10                  | 40             | 38.00           | 95           |      | 25         | 125  |
|               |                  |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 34.35           | 86           |      | 10         | 130  |
|               |                  |            | Anthracene-d10                | 40             | 42.54           | 106          |      | 25         | 130  |
|               |                  |            | Pyrene-d10                    | 40             | 47.05           | 118          |      | 15         | 130  |
|               |                  |            | Benzo(a)pyrene-d12            | 40             | 43.53           | 109          |      | 20         | 130  |
| P1925-05      | FB(20240326)     | BM044863.D | 1,4-Dioxane-d8                | 8              | 5.20            | 65           |      | 15         | 120  |
|               |                  |            | Pyridine-d5                   | 40             | 5.28            | 13           | *    | 20         | 120  |
|               |                  |            | Phenol-d5                     | 40             | 8.21            | 21           |      | 10         | 130  |
|               |                  |            | Bis(2-Chloroethyl)ether-d8    | 40             | 40.61           | 102          |      | 25         | 120  |
|               |                  |            | 2-Chlorophenol-d4             | 40             | 31.22           | 78           |      | 20         | 130  |
|               |                  |            | 4-Methylphenol-d8             | 40             | 19.08           | 48           |      | 25         | 125  |
|               |                  |            | Nitrobenzene-d5               | 40             | 43.28           | 108          |      | 20         | 125  |
|               |                  |            | 2-Nitrophenol-d4              | 40             | 41.62           | 104          |      | 20         | 130  |
|               |                  |            | 2,4-Dichlorophenol-d3         | 40             | 37.50           | 94           |      | 20         | 120  |
|               |                  |            | 4-Chloroaniline-d4            | 40             | 21.73           | 54           |      | 1          | 146  |
|               |                  |            | Dimethylphthalate-d6          | 40             | 44.41           | 111          |      | 25         | 130  |
|               |                  |            | Acenaphthylene-d8             | 40             | 44.46           | 111          |      | 10         | 130  |
|               |                  |            | 4-Nitrophenol-d4              | 40             | 5.76            | 14           |      | 10         | 150  |
|               |                  |            | Fluorene-d10                  | 40             | 44.53           | 111          |      | 25         | 125  |
|               |                  |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 38.85           | 97           |      | 10         | 130  |
|               |                  |            | Anthracene-d10                | 40             | 49.69           | 124          |      | 25         | 130  |
|               |                  |            | Pyrene-d10                    | 40             | 51.94           | 130          |      | 15         | 130  |
|               |                  |            | Benzo(a)pyrene-d12            | 40             | 50.34           | 126          |      | 20         | 130  |
| P1925-07      | PMW-2(20240327)  | BM044864.D | 1,4-Dioxane-d8                | 8              | 5.66            | 71           |      | 15         | 120  |
|               |                  |            | Pyridine-d5                   | 40             | 9.14            | 23           |      | 20         | 120  |
|               |                  |            | Phenol-d5                     | 40             | 8.10            | 20           |      | 10         | 130  |
|               |                  |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.77           | 87           |      | 25         | 120  |
|               |                  |            | 2-Chlorophenol-d4             | 40             | 27.79           | 69           |      | 20         | 130  |
|               |                  |            | 4-Methylphenol-d8             | 40             | 18.15           | 45           |      | 25         | 125  |
|               |                  |            | Nitrobenzene-d5               | 40             | 37.24           | 93           |      | 20         | 125  |
|               |                  |            | 2-Nitrophenol-d4              | 40             | 37.15           | 93           |      | 20         | 130  |
|               |                  |            | 2,4-Dichlorophenol-d3         | 40             | 36.11           | 90           |      | 20         | 120  |
|               |                  |            | 4-Chloroaniline-d4            | 40             | 29.50           | 74           |      | 1          | 146  |
|               |                  |            | Dimethylphthalate-d6          | 40             | 40.97           | 102          |      | 25         | 130  |
|               |                  |            | Acenaphthylene-d8             | 40             | 39.90           | 100          |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BM040124

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID       | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                               |                |                 |              |      | Low        | High |
| P1925-07      | PMW-2(20240327) | BM044864.D | 4-Nitrophenol-d4              | 40             | 6.46            | 16           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 40.55           | 101          |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 36.52           | 91           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 45.37           | 113          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 46.98           | 117          |      | 15         | 130  |
| PB159895BL    | PB159895BL      | BM044858.D | Benzo(a)pyrene-d12            | 40             | 45.83           | 115          |      | 20         | 130  |
|               |                 |            | Pyridine-d5                   | 40             | 27.48           | 69           |      | 20         | 120  |
|               |                 |            | 1,4-Dioxane-d8                | 8              | 4.85            | 61           |      | 15         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 26.53           | 66           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.09           | 73           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 28.51           | 71           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 26.63           | 67           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 30.99           | 77           |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 31.80           | 80           |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 30.01           | 75           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 17.62           | 44           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 29.58           | 74           |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 30.04           | 75           |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 22.16           | 55           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 30.00           | 75           |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.97           | 67           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 33.05           | 83           |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 38.16           | 95           |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 32.80           | 82           |      | 20         | 130  |
| PB159895BS    | PB159895BS      | BM044865.D | 1,4-Dioxane-d8                | 8              | 5.76            | 72           |      | 15         | 120  |
|               |                 |            | Pyridine-d5                   | 40             | 29.85           | 75           |      | 20         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 29.43           | 74           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.47           | 79           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 30.99           | 77           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 28.88           | 72           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 33.89           | 85           |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 34.81           | 87           |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 34.60           | 86           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 26.91           | 67           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 31.61           | 79           |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 32.59           | 81           |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 25.92           | 65           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 31.13           | 78           |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.15           | 83           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 33.75           | 84           |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 33.49           | 84           |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 34.46           | 86           |      | 20         | 130  |

Surrogate Summary  
SW-846

SDG No.: BM040124

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID                  | Datafile | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|----------------------------|----------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                            |          |                               |                |                 |              |      | Low        | High |
| P1925-18      | PMW-5(20240328) BM044868.D |          | 1,4-Dioxane-d8                | 8              | 6.26            | 78           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 12.62           | 32           |      | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 10.32           | 26           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 41.67           | 104          |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 33.36           | 83           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 21.90           | 55           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 52.54           | 131          | *    | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 52.24           | 131          | *    | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 48.57           | 121          | *    | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 27.80           | 69           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 44.51           | 111          |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 46.30           | 116          |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 9.27            | 23           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 46.83           | 117          |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 41.63           | 104          |      | 10         | 130  |
|               |                            |          | Anthracene-d10                | 40             | 48.65           | 122          |      | 25         | 130  |
|               |                            |          | Pyrene-d10                    | 40             | 52.32           | 131          | *    | 15         | 130  |
|               |                            |          | Benzo(a)pyrene-d12            | 40             | 49.33           | 123          |      | 20         | 130  |
| P1925-19      | MW-2(20240328) BM044869.D  |          | 1,4-Dioxane-d8                | 8              | 5.00            | 63           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 3.06            | 8            | *    | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 7.51            | 19           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 32.92           | 82           |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 25.84           | 65           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 16.29           | 41           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 35.39           | 88           |      | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 34.79           | 87           |      | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 30.87           | 77           |      | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 15.44           | 39           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 34.57           | 86           |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 34.82           | 87           |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 5.01            | 13           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 34.48           | 86           |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.23           | 78           |      | 10         | 130  |
|               |                            |          | Anthracene-d10                | 40             | 40.23           | 101          |      | 25         | 130  |
|               |                            |          | Pyrene-d10                    | 40             | 41.07           | 103          |      | 15         | 130  |
|               |                            |          | Benzo(a)pyrene-d12            | 40             | 40.45           | 101          |      | 20         | 130  |
| P1925-20      | MW-1(20240328) BM044870.D  |          | 1,4-Dioxane-d8                | 8              | 4.84            | 61           |      | 15         | 120  |
|               |                            |          | Pyridine-d5                   | 40             | 2.68            | 7            | *    | 20         | 120  |
|               |                            |          | Phenol-d5                     | 40             | 7.74            | 19           |      | 10         | 130  |
|               |                            |          | Bis(2-Chloroethyl)ether-d8    | 40             | 33.26           | 83           |      | 25         | 120  |
|               |                            |          | 2-Chlorophenol-d4             | 40             | 25.69           | 64           |      | 20         | 130  |
|               |                            |          | 4-Methylphenol-d8             | 40             | 17.00           | 43           |      | 25         | 125  |
|               |                            |          | Nitrobenzene-d5               | 40             | 35.38           | 88           |      | 20         | 125  |
|               |                            |          | 2-Nitrophenol-d4              | 40             | 34.61           | 87           |      | 20         | 130  |
|               |                            |          | 2,4-Dichlorophenol-d3         | 40             | 32.04           | 80           |      | 20         | 120  |
|               |                            |          | 4-Chloroaniline-d4            | 40             | 16.33           | 41           |      | 1          | 146  |
|               |                            |          | Dimethylphthalate-d6          | 40             | 38.54           | 96           |      | 25         | 130  |
|               |                            |          | Acenaphthylene-d8             | 40             | 36.28           | 91           |      | 10         | 130  |
|               |                            |          | 4-Nitrophenol-d4              | 40             | 6.08            | 15           |      | 10         | 150  |
|               |                            |          | Fluorene-d10                  | 40             | 38.10           | 95           |      | 25         | 125  |
|               |                            |          | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.48           | 89           |      | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BM040124

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID       | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |                 |            |                               |                |                 |              |      | Low        | High |
| P1925-20      | MW-1(20240328)  | BM044870.D | Anthracene-d10                | 40             | 45.63           | 114          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 46.65           | 117          |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 45.13           | 113          |      | 20         | 130  |
| P1925-21      | DUP-1(20240328) | BM044871.D | 1,4-Dioxane-d8                | 8              | 5.07            | 63           |      | 15         | 120  |
|               |                 |            | Pyridine-d5                   | 40             | 9.91            | 25           |      | 20         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 8.86            | 22           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 33.68           | 84           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 27.43           | 69           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 17.55           | 44           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 42.56           | 106          |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 41.72           | 104          |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 38.38           | 96           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 21.50           | 54           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 37.08           | 93           |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 37.53           | 94           |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 7.86            | 20           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 37.93           | 95           |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 34.66           | 87           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 42.00           | 105          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 43.64           | 109          |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 42.29           | 106          |      | 20         | 130  |
| P1925-25      | FB(20240328)    | BM044872.D | 1,4-Dioxane-d8                | 8              | 5.28            | 66           |      | 15         | 120  |
|               |                 |            | Pyridine-d5                   | 40             | 7.37            | 18           | *    | 20         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 7.94            | 20           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 35.43           | 89           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 27.96           | 70           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 17.33           | 43           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 38.70           | 97           |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 36.81           | 92           |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 34.21           | 86           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 27.85           | 70           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 38.68           | 97           |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 39.01           | 98           |      | 10         | 130  |
|               |                 |            | 4-Nitrophenol-d4              | 40             | 6.52            | 16           |      | 10         | 150  |
|               |                 |            | Fluorene-d10                  | 40             | 40.60           | 101          |      | 25         | 125  |
|               |                 |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.94           | 90           |      | 10         | 130  |
|               |                 |            | Anthracene-d10                | 40             | 48.98           | 122          |      | 25         | 130  |
|               |                 |            | Pyrene-d10                    | 40             | 48.04           | 120          |      | 15         | 130  |
|               |                 |            | Benzo(a)pyrene-d12            | 40             | 48.55           | 121          |      | 20         | 130  |
| P1925-26      | EB(20240328)    | BM044873.D | 1,4-Dioxane-d8                | 8              | 5.31            | 66           |      | 15         | 120  |
|               |                 |            | Pyridine-d5                   | 40             | 7.72            | 19           | *    | 20         | 120  |
|               |                 |            | Phenol-d5                     | 40             | 7.37            | 18           |      | 10         | 130  |
|               |                 |            | Bis(2-Chloroethyl)ether-d8    | 40             | 36.38           | 91           |      | 25         | 120  |
|               |                 |            | 2-Chlorophenol-d4             | 40             | 28.26           | 71           |      | 20         | 130  |
|               |                 |            | 4-Methylphenol-d8             | 40             | 16.49           | 41           |      | 25         | 125  |
|               |                 |            | Nitrobenzene-d5               | 40             | 39.45           | 99           |      | 20         | 125  |
|               |                 |            | 2-Nitrophenol-d4              | 40             | 37.37           | 93           |      | 20         | 130  |
|               |                 |            | 2,4-Dichlorophenol-d3         | 40             | 33.71           | 84           |      | 20         | 120  |
|               |                 |            | 4-Chloroaniline-d4            | 40             | 28.68           | 72           |      | 1          | 146  |
|               |                 |            | Dimethylphthalate-d6          | 40             | 40.13           | 100          |      | 25         | 130  |
|               |                 |            | Acenaphthylene-d8             | 40             | 39.79           | 99           |      | 10         | 130  |

Surrogate Summary  
SW-846

SDG No.: BM040124

Client:

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID    | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|--------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |              |            |                               |                |                 |              |      | Low        | High |
| P1925-26      | EB(20240328) | BM044873.D | 4-Nitrophenol-d4              | 40             | 5.94            | 15           |      | 10         | 150  |
|               |              |            | Fluorene-d10                  | 40             | 41.38           | 103          |      | 25         | 125  |
|               |              |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.08           | 78           |      | 10         | 130  |
|               |              |            | Anthracene-d10                | 40             | 44.17           | 110          |      | 25         | 130  |
|               |              |            | Pyrene-d10                    | 40             | 46.12           | 115          |      | 15         | 130  |
| PB159928BL    | PB159928BL   | BM044867.D | Benzo(a)pyrene-d12            | 40             | 46.27           | 116          |      | 20         | 130  |
|               |              |            | 1,4-Dioxane-d8                | 8              | 5.04            | 63           |      | 15         | 120  |
|               |              |            | Pyridine-d5                   | 40             | 17.81           | 45           |      | 20         | 120  |
|               |              |            | Phenol-d5                     | 40             | 23.59           | 59           |      | 10         | 130  |
|               |              |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.82           | 67           |      | 25         | 120  |
|               |              |            | 2-Chlorophenol-d4             | 40             | 26.30           | 66           |      | 20         | 130  |
|               |              |            | 4-Methylphenol-d8             | 40             | 22.43           | 56           |      | 25         | 125  |
|               |              |            | Nitrobenzene-d5               | 40             | 28.37           | 71           |      | 20         | 125  |
|               |              |            | 2-Nitrophenol-d4              | 40             | 28.40           | 71           |      | 20         | 130  |
|               |              |            | 2,4-Dichlorophenol-d3         | 40             | 26.78           | 67           |      | 20         | 120  |
|               |              |            | 4-Chloroaniline-d4            | 40             | 0.00            | 0            | *    | 1          | 146  |
|               |              |            | Dimethylphthalate-d6          | 40             | 26.39           | 66           |      | 25         | 130  |
|               |              |            | Acenaphthylene-d8             | 40             | 26.06           | 65           |      | 10         | 130  |
|               |              |            | 4-Nitrophenol-d4              | 40             | 18.35           | 46           |      | 10         | 150  |
|               |              |            | Fluorene-d10                  | 40             | 26.78           | 67           |      | 25         | 125  |
|               |              |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.31           | 58           |      | 10         | 130  |
|               |              |            | Anthracene-d10                | 40             | 28.43           | 71           |      | 25         | 130  |
|               |              |            | Pyrene-d10                    | 40             | 31.45           | 79           |      | 15         | 130  |
|               |              |            | Benzo(a)pyrene-d12            | 40             | 26.61           | 67           |      | 20         | 130  |
| PB159928BS    | PB159928BS   | BM044874.D | 1,4-Dioxane-d8                | 8              | 5.99            | 75           |      | 15         | 120  |
|               |              |            | Pyridine-d5                   | 40             | 27.97           | 70           |      | 20         | 120  |
|               |              |            | Phenol-d5                     | 40             | 32.38           | 81           |      | 10         | 130  |
|               |              |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.50           | 81           |      | 25         | 120  |
|               |              |            | 2-Chlorophenol-d4             | 40             | 33.17           | 83           |      | 20         | 130  |
|               |              |            | 4-Methylphenol-d8             | 40             | 32.02           | 80           |      | 25         | 125  |
|               |              |            | Nitrobenzene-d5               | 40             | 35.99           | 90           |      | 20         | 125  |
|               |              |            | 2-Nitrophenol-d4              | 40             | 36.55           | 91           |      | 20         | 130  |
|               |              |            | 2,4-Dichlorophenol-d3         | 40             | 39.17           | 98           |      | 20         | 120  |
|               |              |            | 4-Chloroaniline-d4            | 40             | 2.24            | 6            |      | 1          | 146  |
|               |              |            | Dimethylphthalate-d6          | 40             | 35.33           | 88           |      | 25         | 130  |
|               |              |            | Acenaphthylene-d8             | 40             | 36.17           | 90           |      | 10         | 130  |
|               |              |            | 4-Nitrophenol-d4              | 40             | 30.36           | 76           |      | 10         | 150  |
|               |              |            | Fluorene-d10                  | 40             | 35.24           | 88           |      | 25         | 125  |
|               |              |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.27           | 93           |      | 10         | 130  |
|               |              |            | Anthracene-d10                | 40             | 38.01           | 95           |      | 25         | 130  |
|               |              |            | Pyrene-d10                    | 40             | 36.66           | 92           |      | 15         | 130  |
|               |              |            | Benzo(a)pyrene-d12            | 40             | 37.63           | 94           |      | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040124

Lab Code: CHEM

SAS No.: BM040124

SDG NO.: BM040124

Lab File ID: BM044856.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:30

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 58                   |
| 68  | Less than 2.0% of mass 69          | 0.8 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 47.1                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 53.6                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 25.3                 |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 13.9                 |
| 442 | Greater than 50% of mass 198       | 83.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 16.3 ( 19.4 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020085        | SSTDCCC020       | BM044857.D     | 04/01/2024       | 10:06            |
| SBLK895           | PB159895BL       | BM044858.D     | 04/01/2024       | 10:43            |
| PMW-6 (20240326)  | P1925-01         | BM044859.D     | 04/01/2024       | 11:20            |
| PMW-4 (20240326)  | P1925-02         | BM044860.D     | 04/01/2024       | 11:56            |
| PMW-3 (20240326)  | P1925-03         | BM044861.D     | 04/01/2024       | 12:33            |
| PMW-10 (20240326) | P1925-04         | BM044862.D     | 04/01/2024       | 13:09            |
| FB (20240326)     | P1925-05         | BM044863.D     | 04/01/2024       | 13:46            |
| PMW-2 (20240327)  | P1925-07         | BM044864.D     | 04/01/2024       | 14:23            |
| SLCS895           | PB159895BS       | BM044865.D     | 04/01/2024       | 14:59            |
| SSTD020086        | SSTDCCC020       | BM044866.D     | 04/01/2024       | 15:36            |
| SBLK928           | PB159928BL       | BM044867.D     | 04/01/2024       | 16:13            |
| PMW-5 (20240328)  | P1925-18         | BM044868.D     | 04/01/2024       | 16:50            |
| MW-2 (20240328)   | P1925-19         | BM044869.D     | 04/01/2024       | 17:27            |
| MW-1 (20240328)   | P1925-20         | BM044870.D     | 04/01/2024       | 18:04            |
| DUP-1 (20240328)  | P1925-21         | BM044871.D     | 04/01/2024       | 18:40            |
| FB (20240328)     | P1925-25         | BM044872.D     | 04/01/2024       | 19:17            |
| EB (20240328)     | P1925-26         | BM044873.D     | 04/01/2024       | 19:54            |
| SLCS928           | PB159928BS       | BM044874.D     | 04/01/2024       | 20:30            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM040124

Lab Code: CHEM

SAS No.: BM040124

SDG NO.: BM040124

Lab File ID: BM044856.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA\_M

DFTPP Injection Time: 09:30

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 58                   |
| 68  | Less than 2.0% of mass 69          | 0.8 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 47.1                 |
| 70  | Less than 2.0% of mass 69          | 0.3 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 53.6                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 25.3                 |
| 365 | Greater than 1% of mass 198        | 3.9                  |
| 441 | Present, but less than mass 443    | 13.9                 |
| 442 | Greater than 50% of mass 198       | 83.9                 |
| 443 | 15.0 - 24.0% of mass 442           | 16.3 ( 19.4 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020087        | SSTDCCC020EC     | BM044875.D     | 04/01/2024       | 21:44            |