

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 1:12:47

Lab File ID: BG063225.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020520 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| 1,4-Dioxane                 | 0.545 | 0.496  | 0.010   | -8.8563 | 40.0  |
| Benzaldehyde                | 0.997 | 1.283  | 0.010   | 28.6695 | 40.0  |
| Pyridine                    | 1.492 | 1.421  | 0.010   | -4.7441 | 40.0  |
| Phenol                      | 1.967 | 1.886  | 0.080   | -4.1089 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.335  | 0.100   | -0.2071 | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.268  | 0.200   | 1.1962  | 20.0  |
| 2-Methylphenol              | 1.437 | 1.424  | 0.010   | -0.9027 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.803  | 0.010   | 6.674   | 40.0  |
| Acetophenone                | 2.463 | 2.440  | 0.060   | -0.9406 | 20.0  |
| 4-Methylphenol              | 1.634 | 1.640  | 0.010   | 0.3776  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.384  | 0.050   | -3.6962 | 30.0  |
| Hexachloroethane            | 0.508 | 0.515  | 0.100   | 1.4192  | 20.0  |
| Nitrobenzene                | 0.434 | 0.441  | 0.050   | 1.7796  | 25.0  |
| Isophorone                  | 0.915 | 0.876  | 0.050   | -4.2496 | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.199  | 0.050   | 10.7811 | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.409  | 0.050   | 4.3798  | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.468  | 0.050   | 6.0582  | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.374  | 0.060   | 11.3789 | 20.0  |
| Naphthalene                 | 1.023 | 1.092  | 0.200   | 6.6929  | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.454  | 0.010   | 2.212   | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.349  | 0.040   | 8.5109  | 30.0  |
| Caprolactam                 | 0.140 | 0.131  | 0.010   | -5.8966 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.419  | 0.040   | 3.8924  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.868  | 0.100   | 2.9562  | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.846  | 0.100   | 4.3393  | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.360  | 0.010   | -6.5409 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.448  | 0.090   | 17.7931 | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.475  | 0.100   | 15.1735 | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.377  | 0.200   | 8.6422  | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.066  | 0.300   | 7.9893  | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.341  | 0.050   | 1.3014  | 40.0  |
| Dimethylphthalate           | 1.502 | 1.417  | 0.300   | -5.6614 | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.286  | 0.080   | -0.51   | 30.0  |
| Acenaphthylene              | 1.527 | 1.617  | 0.400   | 5.8418  | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.279  | 0.010   | 11.2901 | 40.0  |
| Acenaphthene                | 1.093 | 1.145  | 0.200   | 4.7363  | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.173  | 0.010   | -8.5787 | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.253  | 0.010   | -9.2734 | 40.0  |
| Dibenzofuran                | 1.674 | 1.748  | 0.300   | 4.4428  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 1:12:47

Lab File ID: BG063225.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020520 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.448  | 0.070   | -1.3835 | 30.0  |
| Diethylphthalate              | 1.540 | 1.408  | 0.300   | -8.6013 | 20.0  |
| Fluorene                      | 1.416 | 1.425  | 0.200   | 0.6279  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.901  | 0.100   | -1.0048 | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.274  | 0.010   | 8.01    | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.133  | 0.010   | 2.0931  | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.483  | 0.050   | 8.1619  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.780  | 0.100   | 10.6171 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.251  | 0.070   | 9.6276  | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.253  | 0.050   | 3.9931  | 25.0  |
| Atrazine                      | 0.244 | 0.241  | 0.010   | -1.444  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.131  | 0.010   | 7.093   | 40.0  |
| Phenanthrene                  | 0.914 | 0.975  | 0.200   | 6.7514  | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.310  | 0.050   | 12.5312 | 20.0  |
| Anthracene                    | 0.936 | 1.014  | 0.200   | 8.3172  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.304  | 0.050   | 17.5525 | 20.0  |
| Carbazole                     | 0.777 | 0.820  | 0.050   | 5.4909  | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.972  | 0.500   | 9.8925  | 25.0  |
| Fluoranthene                  | 1.084 | 1.254  | 0.400   | 15.6873 | 25.0  |
| Pyrene                        | 1.149 | 1.289  | 0.400   | 12.1856 | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.393  | 0.100   | 17.0498 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.473  | 0.010   | 9.8921  | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.366  | 0.300   | 8.0016  | 30.0  |
| Chrysene                      | 1.179 | 1.248  | 0.200   | 5.8482  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.569  | 0.200   | 16.2957 | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.924  | 0.010   | 17.2751 | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.257  | 0.200   | 4.4546  | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.273  | 0.200   | 6.244   | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.159  | 0.200   | 4.1214  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.433  | 0.200   | 4.9486  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.170  | 0.200   | 5.1405  | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.088  | 0.200   | 5.0606  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.441  | 0.040   | 3.2463  | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.430  | 0.010   | -2.8386 | 25.0  |
| Pyridine-d5                   | 1.462 | 1.422  | 0.010   | -2.7513 | 40.0  |
| Phenol-d5                     | 1.805 | 1.777  | 0.010   | -1.5323 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.107  | 0.050   | 4.5981  | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.262  | 0.200   | 7.6963  | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.523  | 0.010   | -0.4064 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 12:47

Lab File ID: BG063225.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020520 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.153  | 0.050   | 8.8386  | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.195  | 0.050   | 7.2188  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.390  | 0.060   | 9.4725  | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.459  | 0.010   | -1.1057 | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.482  | 0.300   | -5.421  | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.621  | 0.400   | 5.6968  | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.220  | 0.010   | 2.7228  | 40.0  |
| Fluorene-d10                  | 1.322 | 1.344  | 0.100   | 1.6836  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.119  | 0.010   | -5.7138 | 40.0  |
| Anthracene-d10                | 0.860 | 0.916  | 0.300   | 6.522   | 20.0  |
| Pyrene-d10                    | 1.003 | 1.118  | 0.300   | 11.4531 | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 1.021  | 0.010   | 5.7011  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 1:17:21

Lab File ID: BG063232.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020521 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.568  | 0.010      | 4.3749   | 40.0  |
| Benzaldehyde                | 0.997 | 1.254  | 0.010      | 25.7127  | 40.0  |
| Pyridine                    | 1.492 | 1.471  | 0.010      | -1.3774  | 40.0  |
| Phenol                      | 1.967 | 1.862  | 0.080      | -5.3056  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.304  | 0.100      | -2.5245  | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.324  | 0.200      | 5.6714   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.420  | 0.010      | -1.1529  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.723  | 0.010      | 1.9019   | 40.0  |
| Acetophenone                | 2.463 | 2.368  | 0.060      | -3.8554  | 20.0  |
| 4-Methylphenol              | 1.634 | 1.551  | 0.010      | -5.0343  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.287  | 0.050      | -10.392  | 30.0  |
| Hexachloroethane            | 0.508 | 0.535  | 0.100      | 5.3559   | 20.0  |
| Nitrobenzene                | 0.434 | 0.424  | 0.050      | -2.1003  | 25.0  |
| Isophorone                  | 0.915 | 0.826  | 0.050      | -9.7233  | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.195  | 0.050      | 8.465    | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.408  | 0.050      | 4.1922   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.439  | 0.050      | -0.4857  | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.359  | 0.060      | 6.8244   | 20.0  |
| Naphthalene                 | 1.023 | 1.087  | 0.200      | 6.208    | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.435  | 0.010      | -2.1421  | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.342  | 0.040      | 6.2101   | 30.0  |
| Caprolactam                 | 0.140 | 0.110  | 0.010      | -20.939  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.398  | 0.040      | -1.3484  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.847  | 0.100      | 0.4483   | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.824  | 0.100      | 1.6432   | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.336  | 0.010      | -12.7941 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.423  | 0.090      | 11.1398  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.450  | 0.100      | 8.962    | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.393  | 0.200      | 9.8779   | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.068  | 0.300      | 8.2278   | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.344  | 0.050      | 2.0538   | 40.0  |
| Dimethylphthalate           | 1.502 | 1.382  | 0.300      | -7.9682  | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.292  | 0.080      | 1.6142   | 30.0  |
| Acenaphthylene              | 1.527 | 1.626  | 0.400      | 6.4655   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.280  | 0.010      | 11.6639  | 40.0  |
| Acenaphthene                | 1.093 | 1.198  | 0.200      | 9.5432   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.155  | 0.010      | -18.349  | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.238  | 0.010      | -14.7284 | 40.0  |
| Dibenzofuran                | 1.674 | 1.750  | 0.300      | 4.5646   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 1:17:21

Lab File ID: BG063232.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020521 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.425  | 0.070   | -6.4582 | 30.0  |
| Diethylphthalate              | 1.540 | 1.377  | 0.300   | -10.576 | 20.0  |
| Fluorene                      | 1.416 | 1.445  | 0.200   | 2.0006  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.924  | 0.100   | 1.5315  | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.265  | 0.010   | 4.3304  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.132  | 0.010   | 1.184   | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.495  | 0.050   | 11.0224 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.785  | 0.100   | 11.3454 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.260  | 0.070   | 13.5929 | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.269  | 0.050   | 10.5146 | 25.0  |
| Atrazine                      | 0.244 | 0.244  | 0.010   | 0.1162  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.125  | 0.010   | 2.4214  | 40.0  |
| Phenanthrene                  | 0.914 | 1.009  | 0.200   | 10.4432 | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.318  | 0.050   | 15.22   | 20.0  |
| Anthracene                    | 0.936 | 1.030  | 0.200   | 10.0105 | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.329  | 0.050   | 27.2075 | 20.0  |
| Carbazole                     | 0.777 | 0.853  | 0.050   | 9.6949  | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.939  | 0.500   | 6.2072  | 25.0  |
| Fluoranthene                  | 1.084 | 1.243  | 0.400   | 14.7201 | 25.0  |
| Pyrene                        | 1.149 | 1.299  | 0.400   | 13.0837 | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.389  | 0.100   | 15.7194 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.492  | 0.010   | 14.3087 | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.360  | 0.300   | 7.5078  | 30.0  |
| Chrysene                      | 1.179 | 1.285  | 0.200   | 8.9658  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.569  | 0.200   | 16.3588 | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.935  | 0.010   | 18.6723 | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.295  | 0.200   | 7.6272  | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.303  | 0.200   | 8.7076  | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.189  | 0.200   | 6.8257  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.446  | 0.200   | 5.9349  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.180  | 0.200   | 6.0506  | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.108  | 0.200   | 7.0009  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.445  | 0.040   | 4.0656  | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.468  | 0.010   | 5.9125  | 25.0  |
| Pyridine-d5                   | 1.462 | 1.407  | 0.010   | -3.7435 | 40.0  |
| Phenol-d5                     | 1.805 | 1.777  | 0.010   | -1.5549 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.034  | 0.050   | -2.2988 | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.250  | 0.200   | 6.6792  | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.525  | 0.010   | -0.3146 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/8/2024 17:21

Lab File ID: BG063232.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020521 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.146  | 0.050      | 3.8927  | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.189  | 0.050      | 4.1458  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.371  | 0.060      | 3.9369  | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.447  | 0.010      | -3.7736 | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.467  | 0.300      | -6.3478 | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.636  | 0.400      | 6.7114  | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.208  | 0.010      | -2.9789 | 40.0  |
| Fluorene-d10                  | 1.322 | 1.343  | 0.100      | 1.5951  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.126  | 0.010      | 0.3176  | 40.0  |
| Anthracene-d10                | 0.860 | 0.936  | 0.300      | 8.8374  | 20.0  |
| Pyrene-d10                    | 1.003 | 1.116  | 0.300      | 11.2908 | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 1.023  | 0.010      | 5.9546  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:03:30

Lab File ID: BG063248.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020522 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.511  | 0.010   | -6.2354  | 40.0  |
| Benzaldehyde                | 0.997 | 1.248  | 0.010   | 25.1261  | 40.0  |
| Pyridine                    | 1.492 | 1.496  | 0.010   | 0.311    | 40.0  |
| Phenol                      | 1.967 | 1.872  | 0.080   | -4.7986  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.338  | 0.100   | 0.0101   | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.302  | 0.200   | 3.9013   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.417  | 0.010   | -1.3963  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.698  | 0.010   | 0.4424   | 40.0  |
| Acetophenone                | 2.463 | 2.306  | 0.060   | -6.3641  | 20.0  |
| 4-Methylphenol              | 1.634 | 1.553  | 0.010   | -4.9092  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.351  | 0.050   | -5.9293  | 30.0  |
| Hexachloroethane            | 0.508 | 0.545  | 0.100   | 7.3047   | 20.0  |
| Nitrobenzene                | 0.434 | 0.442  | 0.050   | 1.9317   | 25.0  |
| Isophorone                  | 0.915 | 0.832  | 0.050   | -9.093   | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.194  | 0.050   | 8.1562   | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.412  | 0.050   | 5.188    | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.444  | 0.050   | 0.7563   | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.357  | 0.060   | 6.3167   | 20.0  |
| Naphthalene                 | 1.023 | 1.091  | 0.200   | 6.65     | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.439  | 0.010   | -1.3241  | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.344  | 0.040   | 6.8905   | 30.0  |
| Caprolactam                 | 0.140 | 0.119  | 0.010   | -15.1085 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.396  | 0.040   | -1.9211  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.849  | 0.100   | 0.6915   | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.824  | 0.100   | 1.6192   | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.394  | 0.010   | 2.3673   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.427  | 0.090   | 12.2246  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.472  | 0.100   | 14.4692  | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.388  | 0.200   | 9.5245   | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.091  | 0.300   | 10.5272  | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.350  | 0.050   | 3.8744   | 40.0  |
| Dimethylphthalate           | 1.502 | 1.352  | 0.300   | -9.9653  | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.291  | 0.080   | 1.3602   | 30.0  |
| Acenaphthylene              | 1.527 | 1.625  | 0.400   | 6.3682   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.267  | 0.010   | 6.588    | 40.0  |
| Acenaphthene                | 1.093 | 1.164  | 0.200   | 6.4293   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.185  | 0.010   | -2.5444  | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.242  | 0.010   | -13.3161 | 40.0  |
| Dibenzofuran                | 1.674 | 1.740  | 0.300   | 3.9752   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:03:30

Lab File ID: BG063248.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020522 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.434  | 0.070   | -4.4709 | 30.0  |
| Diethylphthalate              | 1.540 | 1.378  | 0.300   | -10.524 | 20.0  |
| Fluorene                      | 1.416 | 1.467  | 0.200   | 3.5609  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.921  | 0.100   | 1.1744  | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.279  | 0.010   | 10.0078 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.130  | 0.010   | -0.3246 | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.495  | 0.050   | 10.8513 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.785  | 0.100   | 11.3718 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.252  | 0.070   | 10.2343 | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.266  | 0.050   | 9.0498  | 25.0  |
| Atrazine                      | 0.244 | 0.251  | 0.010   | 2.6848  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.115  | 0.010   | -5.6982 | 40.0  |
| Phenanthrene                  | 0.914 | 1.012  | 0.200   | 10.7001 | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.321  | 0.050   | 16.4476 | 20.0  |
| Anthracene                    | 0.936 | 1.023  | 0.200   | 9.3296  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.321  | 0.050   | 24.1968 | 20.0  |
| Carbazole                     | 0.777 | 0.834  | 0.050   | 7.3712  | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.935  | 0.500   | 5.797   | 25.0  |
| Fluoranthene                  | 1.084 | 1.223  | 0.400   | 12.8179 | 25.0  |
| Pyrene                        | 1.149 | 1.280  | 0.400   | 11.4041 | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.382  | 0.100   | 13.7799 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.499  | 0.010   | 16.071  | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.388  | 0.300   | 9.6833  | 30.0  |
| Chrysene                      | 1.179 | 1.299  | 0.200   | 10.1164 | 30.0  |
| Bis (2-ethylhexyl) phthalate  | 0.489 | 0.575  | 0.200   | 17.5746 | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.926  | 0.010   | 17.4573 | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.292  | 0.200   | 7.393   | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.310  | 0.200   | 9.2741  | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.190  | 0.200   | 6.9267  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.453  | 0.200   | 6.4162  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.184  | 0.200   | 6.3854  | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.114  | 0.200   | 7.6193  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.443  | 0.040   | 3.7156  | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.425  | 0.010   | -3.941  | 25.0  |
| Pyridine-d5                   | 1.462 | 1.497  | 0.010   | 2.4233  | 40.0  |
| Phenol-d5                     | 1.805 | 1.769  | 0.010   | -1.9761 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.089  | 0.050   | 2.8475  | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.218  | 0.200   | 4.0089  | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.497  | 0.010   | -2.1631 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:03:30

Lab File ID: BG063248.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020522 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.141 | 0.147  | 0.050      | 4.7848   | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.192  | 0.050      | 5.5      | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.375  | 0.060      | 5.29     | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.463  | 0.010      | -0.2342  | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.439  | 0.300      | -8.1425  | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.654  | 0.400      | 7.8499   | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.193  | 0.010      | -10.1262 | 40.0  |
| Fluorene-d10                  | 1.322 | 1.351  | 0.100      | 2.1556   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.122  | 0.010      | -3.3078  | 40.0  |
| Anthracene-d10                | 0.860 | 0.922  | 0.300      | 7.2684   | 20.0  |
| Pyrene-d10                    | 1.003 | 1.109  | 0.300      | 10.595   | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 1.038  | 0.010      | 7.4891   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:14:14

Lab File ID: BG063263.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020523 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.486  | 0.010   | -10.7653 | 40.0  |
| Benzaldehyde                | 0.997 | 1.293  | 0.010   | 29.6542  | 40.0  |
| Pyridine                    | 1.492 | 1.565  | 0.010   | 4.9248   | 40.0  |
| Phenol                      | 1.967 | 2.017  | 0.080   | 2.5507   | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.354  | 0.100   | 1.1943   | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.345  | 0.200   | 7.3097   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.478  | 0.010   | 2.8952   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.852  | 0.010   | 9.5675   | 40.0  |
| Acetophenone                | 2.463 | 2.546  | 0.060   | 3.3773   | 20.0  |
| 4-Methylphenol              | 1.634 | 1.716  | 0.010   | 5.0576   | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.401  | 0.050   | -2.46    | 30.0  |
| Hexachloroethane            | 0.508 | 0.587  | 0.100   | 15.5336  | 20.0  |
| Nitrobenzene                | 0.434 | 0.461  | 0.050   | 6.28     | 25.0  |
| Isophorone                  | 0.915 | 0.826  | 0.050   | -9.7472  | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.196  | 0.050   | 9.0267   | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.411  | 0.050   | 4.8174   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.436  | 0.050   | -1.1508  | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.370  | 0.060   | 9.9917   | 20.0  |
| Naphthalene                 | 1.023 | 1.089  | 0.200   | 6.4283   | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.440  | 0.010   | -0.9849  | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.341  | 0.040   | 6.0384   | 30.0  |
| Caprolactam                 | 0.140 | 0.116  | 0.010   | -17.2188 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.389  | 0.040   | -3.6838  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.834  | 0.100   | -1.155   | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.821  | 0.100   | 1.1764   | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.267  | 0.010   | -30.5588 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.431  | 0.090   | 13.1284  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.456  | 0.100   | 10.5738  | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.385  | 0.200   | 9.244    | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.075  | 0.300   | 8.8897   | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.333  | 0.050   | -1.2348  | 40.0  |
| Dimethylphthalate           | 1.502 | 1.359  | 0.300   | -9.5174  | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.284  | 0.080   | -1.1682  | 30.0  |
| Acenaphthylene              | 1.527 | 1.589  | 0.400   | 4.0027   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.264  | 0.010   | 5.2252   | 40.0  |
| Acenaphthene                | 1.093 | 1.189  | 0.200   | 8.8018   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.145  | 0.010   | -23.6894 | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.227  | 0.010   | -18.4981 | 40.0  |
| Dibenzofuran                | 1.674 | 1.749  | 0.300   | 4.5067   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:14:14

Lab File ID: BG063263.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020523 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.435  | 0.070   | -4.3991  | 30.0  |
| Diethylphthalate              | 1.540 | 1.357  | 0.300   | -11.9019 | 20.0  |
| Fluorene                      | 1.416 | 1.436  | 0.200   | 1.3977   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.902  | 0.100   | -0.9039  | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.273  | 0.010   | 7.673    | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.112  | 0.010   | -13.9563 | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.506  | 0.050   | 13.4992  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.779  | 0.100   | 10.5482  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.253  | 0.070   | 10.8057  | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.261  | 0.050   | 7.2922   | 25.0  |
| Atrazine                      | 0.244 | 0.241  | 0.010   | -1.1214  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.115  | 0.010   | -5.8082  | 40.0  |
| Phenanthrene                  | 0.914 | 0.999  | 0.200   | 9.3483   | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.346  | 0.050   | 25.3429  | 20.0  |
| Anthracene                    | 0.936 | 1.016  | 0.200   | 8.4823   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.342  | 0.050   | 32.0961  | 20.0  |
| Carbazole                     | 0.777 | 0.820  | 0.050   | 5.4534   | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.920  | 0.500   | 4.0132   | 25.0  |
| Fluoranthene                  | 1.084 | 1.216  | 0.400   | 12.1716  | 25.0  |
| Pyrene                        | 1.149 | 1.263  | 0.400   | 9.9405   | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.399  | 0.100   | 18.7685  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.481  | 0.010   | 11.932   | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.373  | 0.300   | 8.5633   | 30.0  |
| Chrysene                      | 1.179 | 1.280  | 0.200   | 8.4971   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.578  | 0.200   | 18.1627  | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.939  | 0.010   | 19.1425  | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.303  | 0.200   | 8.2955   | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.233  | 0.200   | 2.8505   | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.168  | 0.200   | 4.9455   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.440  | 0.200   | 5.4806   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.168  | 0.200   | 4.9526   | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.089  | 0.200   | 5.2138   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.431  | 0.040   | 0.8479   | 20.0  |
| Pyridine-d5                   | 1.462 | 1.514  | 0.010   | 3.5887   | 40.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.448  | 0.010   | 1.3553   | 25.0  |
| Phenol-d5                     | 1.805 | 1.841  | 0.010   | 1.985    | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.101  | 0.050   | 3.9898   | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.282  | 0.200   | 9.4813   | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.618  | 0.010   | 5.7504   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:14:14

Lab File ID: BG063263.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020523 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.141 | 0.156  | 0.050      | 11.1746  | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.191  | 0.050      | 5.171    | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.387  | 0.060      | 8.5251   | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.463  | 0.010      | -0.3676  | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.404  | 0.300      | -10.3735 | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.638  | 0.400      | 6.7913   | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.198  | 0.010      | -7.731   | 40.0  |
| Fluorene-d10                  | 1.322 | 1.358  | 0.100      | 2.7268   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.107  | 0.010      | -15.2271 | 40.0  |
| Anthracene-d10                | 0.860 | 0.926  | 0.300      | 7.7554   | 20.0  |
| Pyrene-d10                    | 1.003 | 1.098  | 0.300      | 9.4853   | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 1.011  | 0.010      | 4.6589   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1: 23:42

Lab File ID: BG063277.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020524 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.488  | 0.010   | -10.3645 | 40.0  |
| Benzaldehyde                | 0.997 | 1.219  | 0.010   | 22.205   | 40.0  |
| Pyridine                    | 1.492 | 1.463  | 0.010   | -1.9442  | 40.0  |
| Phenol                      | 1.967 | 1.973  | 0.080   | 0.326    | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.290  | 0.100   | -3.551   | 20.0  |
| 2-Chlorophenol              | 1.253 | 1.303  | 0.200   | 4.0182   | 20.0  |
| 2-Methylphenol              | 1.437 | 1.431  | 0.010   | -0.4048  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.717  | 0.010   | 1.5714   | 40.0  |
| Acetophenone                | 2.463 | 2.394  | 0.060   | -2.7905  | 20.0  |
| 4-Methylphenol              | 1.634 | 1.657  | 0.010   | 1.4468   | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.327  | 0.050   | -7.648   | 30.0  |
| Hexachloroethane            | 0.508 | 0.561  | 0.100   | 10.4811  | 20.0  |
| Nitrobenzene                | 0.434 | 0.472  | 0.050   | 8.7852   | 25.0  |
| Isophorone                  | 0.915 | 0.826  | 0.050   | -9.761   | 25.0  |
| 2-Nitrophenol               | 0.180 | 0.192  | 0.050   | 6.9828   | 25.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.409  | 0.050   | 4.459    | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.444  | 0.050   | 0.6699   | 20.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.380  | 0.060   | 12.9386  | 20.0  |
| Naphthalene                 | 1.023 | 1.090  | 0.200   | 6.5286   | 20.0  |
| 4-Chloroaniline             | 0.445 | 0.427  | 0.010   | -3.8662  | 40.0  |
| Hexachlorobutadiene         | 0.322 | 0.332  | 0.040   | 3.2323   | 30.0  |
| Caprolactam                 | 0.140 | 0.115  | 0.010   | -17.7077 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.399  | 0.040   | -1.1211  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.825  | 0.100   | -2.2016  | 20.0  |
| 2-Methylnaphthalene         | 0.811 | 0.822  | 0.100   | 1.3968   | 20.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.281  | 0.010   | -26.9528 | 40.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.423  | 0.090   | 11.0482  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.456  | 0.100   | 10.4437  | 25.0  |
| 1,1-Biphenyl                | 1.268 | 1.366  | 0.200   | 7.7461   | 20.0  |
| 2-Chloronaphthalene         | 0.987 | 1.068  | 0.300   | 8.1974   | 20.0  |
| 2-Nitroaniline              | 0.337 | 0.337  | 0.050   | -0.0182  | 40.0  |
| Dimethylphthalate           | 1.502 | 1.328  | 0.300   | -11.5993 | 20.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.292  | 0.080   | 1.5458   | 30.0  |
| Acenaphthylene              | 1.527 | 1.626  | 0.400   | 6.4269   | 20.0  |
| 3-Nitroaniline              | 0.251 | 0.270  | 0.010   | 7.8032   | 40.0  |
| Acenaphthene                | 1.093 | 1.142  | 0.200   | 4.4476   | 20.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.148  | 0.010   | -21.7473 | 40.0  |
| 4-Nitrophenol               | 0.279 | 0.232  | 0.010   | -16.765  | 40.0  |
| Dibenzofuran                | 1.674 | 1.740  | 0.300   | 3.9483   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1: 23:42

Lab File ID: BG063277.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020524 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.437  | 0.070      | -3.8941  | 30.0  |
| Diethylphthalate              | 1.540 | 1.365  | 0.300      | -11.3504 | 20.0  |
| Fluorene                      | 1.416 | 1.434  | 0.200      | 1.2425   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.898  | 0.100      | -1.3692  | 20.0  |
| 4-Nitroaniline                | 0.254 | 0.269  | 0.010      | 5.7572   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.121  | 0.010      | -7.3204  | 40.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.506  | 0.050      | 13.396   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.781  | 0.100      | 10.8446  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.250  | 0.070      | 9.2391   | 20.0  |
| Hexachlorobenzene             | 0.244 | 0.264  | 0.050      | 8.3737   | 25.0  |
| Atrazine                      | 0.244 | 0.242  | 0.010      | -0.7314  | 25.0  |
| Pentachlorophenol             | 0.122 | 0.112  | 0.010      | -7.9242  | 40.0  |
| Phenanthrene                  | 0.914 | 0.998  | 0.200      | 9.2306   | 20.0  |
| Pentachlorobenzene            | 0.276 | 0.334  | 0.050      | 20.9261  | 20.0  |
| Anthracene                    | 0.936 | 1.017  | 0.200      | 8.6296   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.329  | 0.050      | 27.3375  | 20.0  |
| Carbazole                     | 0.777 | 0.834  | 0.050      | 7.3533   | 40.0  |
| Di-n-butylphthalate           | 0.884 | 0.938  | 0.500      | 6.1088   | 25.0  |
| Fluoranthene                  | 1.084 | 1.192  | 0.400      | 9.9314   | 25.0  |
| Pyrene                        | 1.149 | 1.261  | 0.400      | 9.7606   | 25.0  |
| Butylbenzylphthalate          | 0.336 | 0.395  | 0.100      | 17.5925  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.488  | 0.010      | 13.4904  | 40.0  |
| Benzo (a) anthracene          | 1.265 | 1.366  | 0.300      | 7.9918   | 30.0  |
| Chrysene                      | 1.179 | 1.257  | 0.200      | 6.578    | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.560  | 0.200      | 14.415   | 40.0  |
| Di-n-octyl phthalate          | 0.788 | 0.936  | 0.010      | 18.8084  | 40.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.294  | 0.200      | 7.5679   | 25.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.283  | 0.200      | 7.0609   | 25.0  |
| Benzo (a) pyrene              | 1.113 | 1.194  | 0.200      | 7.2309   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.452  | 0.200      | 6.3454   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.181  | 0.200      | 6.0992   | 30.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.091  | 0.200      | 5.4145   | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.423  | 0.040      | -0.9928  | 20.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.429  | 0.010      | -2.9931  | 25.0  |
| Pyridine-d5                   | 1.462 | 1.407  | 0.010      | -3.7409  | 40.0  |
| Phenol-d5                     | 1.805 | 1.757  | 0.010      | -2.6271  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.068  | 0.050      | 0.9065   | 25.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.227  | 0.200      | 4.7454   | 20.0  |
| 4-Methylphenol-d8             | 1.530 | 1.476  | 0.010      | -3.5096  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/9/2024 1:23:42

Lab File ID: BG063277.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020524 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.141 | 0.157  | 0.050      | 11.5463 | 20.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.192  | 0.050      | 5.8348  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.394  | 0.060      | 10.4847 | 20.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.452  | 0.010      | -2.681  | 40.0  |
| Dimethylphthalate-d6          | 1.567 | 1.421  | 0.300      | -9.2979 | 20.0  |
| Acenaphthylene-d8             | 1.533 | 1.615  | 0.400      | 5.3172  | 20.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.197  | 0.010      | -8.3777 | 40.0  |
| Fluorene-d10                  | 1.322 | 1.320  | 0.100      | -0.15   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.116  | 0.010      | -8.1086 | 40.0  |
| Anthracene-d10                | 0.860 | 0.926  | 0.300      | 7.7136  | 20.0  |
| Pyrene-d10                    | 1.003 | 1.072  | 0.300      | 6.8702  | 25.0  |
| Benzo(a)pyrene-d12            | 0.966 | 1.025  | 0.010      | 6.1387  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/10/2024 : 02:52

Lab File ID: BG063281.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020525 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-----------------------------|-------|--------|------------|----------|-------|
| 1,4-Dioxane                 | 0.545 | 0.510  | 0.010      | -6.2511  | 50.0  |
| Benzaldehyde                | 0.997 | 1.237  | 0.010      | 24.0663  | 50.0  |
| Pyridine                    | 1.492 | 1.535  | 0.010      | 2.9398   | 50.0  |
| Phenol                      | 1.967 | 1.957  | 0.080      | -0.4933  | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.338 | 1.335  | 0.100      | -0.2013  | 50.0  |
| 2-Chlorophenol              | 1.253 | 1.326  | 0.200      | 5.8017   | 50.0  |
| 2-Methylphenol              | 1.437 | 1.422  | 0.010      | -0.9894  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 1.691 | 1.772  | 0.010      | 4.8233   | 50.0  |
| Acetophenone                | 2.463 | 2.441  | 0.060      | -0.899   | 50.0  |
| 4-Methylphenol              | 1.634 | 1.669  | 0.010      | 2.1799   | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.437 | 1.342  | 0.050      | -6.6145  | 50.0  |
| Hexachloroethane            | 0.508 | 0.534  | 0.100      | 5.1403   | 50.0  |
| Nitrobenzene                | 0.434 | 0.443  | 0.050      | 2.1863   | 50.0  |
| Isophorone                  | 0.915 | 0.816  | 0.050      | -10.8065 | 50.0  |
| 2-Nitrophenol               | 0.180 | 0.188  | 0.050      | 4.4374   | 50.0  |
| 2,4-Dimethylphenol          | 0.392 | 0.398  | 0.050      | 1.4657   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.441 | 0.428  | 0.050      | -2.8738  | 50.0  |
| 2,4-Dichlorophenol          | 0.336 | 0.375  | 0.060      | 11.4553  | 50.0  |
| Naphthalene                 | 1.023 | 1.048  | 0.200      | 2.3919   | 50.0  |
| 4-Chloroaniline             | 0.445 | 0.433  | 0.010      | -2.5779  | 50.0  |
| Hexachlorobutadiene         | 0.322 | 0.318  | 0.040      | -1.0609  | 50.0  |
| Caprolactam                 | 0.140 | 0.115  | 0.010      | -17.8209 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.403 | 0.394  | 0.040      | -2.2444  | 50.0  |
| 1-Methylnaphthalene         | 0.843 | 0.837  | 0.100      | -0.7202  | 50.0  |
| 2-Methylnaphthalene         | 0.811 | 0.824  | 0.100      | 1.5799   | 50.0  |
| Hexachlorocyclopentadiene   | 0.385 | 0.216  | 0.010      | -43.9744 | 50.0  |
| 2,4,6-Trichlorophenol       | 0.381 | 0.420  | 0.090      | 10.2773  | 50.0  |
| 2,4,5-Trichlorophenol       | 0.413 | 0.442  | 0.100      | 7.2177   | 50.0  |
| 1,1-Biphenyl                | 1.268 | 1.348  | 0.200      | 6.3401   | 50.0  |
| 2-Chloronaphthalene         | 0.987 | 1.047  | 0.300      | 6.0573   | 50.0  |
| 2-Nitroaniline              | 0.337 | 0.345  | 0.050      | 2.4567   | 50.0  |
| Dimethylphthalate           | 1.502 | 1.297  | 0.300      | -13.6427 | 50.0  |
| 2,6-Dinitrotoluene          | 0.287 | 0.279  | 0.080      | -2.7842  | 50.0  |
| Acenaphthylene              | 1.527 | 1.610  | 0.400      | 5.3756   | 50.0  |
| 3-Nitroaniline              | 0.251 | 0.265  | 0.010      | 5.7865   | 50.0  |
| Acenaphthene                | 1.093 | 1.174  | 0.200      | 7.3704   | 50.0  |
| 2,4-Dinitrophenol           | 0.190 | 0.135  | 0.010      | -28.7571 | 50.0  |
| 4-Nitrophenol               | 0.279 | 0.238  | 0.010      | -14.4892 | 50.0  |
| Dibenzofuran                | 1.674 | 1.730  | 0.300      | 3.3927   | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/10/2024 : 02:52

Lab File ID: BG063281.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020525 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| 2,4-Dinitrotoluene            | 0.455 | 0.437  | 0.070      | -3.8361  | 50.0  |
| Diethylphthalate              | 1.540 | 1.379  | 0.300      | -10.4728 | 50.0  |
| Fluorene                      | 1.416 | 1.428  | 0.200      | 0.8467   | 50.0  |
| 4-Chlorophenyl-phenylether    | 0.910 | 0.884  | 0.100      | -2.8709  | 50.0  |
| 4-Nitroaniline                | 0.254 | 0.275  | 0.010      | 8.1935   | 50.0  |
| 4,6-Dinitro-2-methylphenol    | 0.130 | 0.117  | 0.010      | -10.2522 | 50.0  |
| N-Nitrosodiphenylamine        | 0.446 | 0.495  | 0.050      | 11.0519  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.705 | 0.755  | 0.100      | 7.1093   | 50.0  |
| 4-Bromophenyl-phenylether     | 0.229 | 0.241  | 0.070      | 5.3687   | 50.0  |
| Hexachlorobenzene             | 0.244 | 0.252  | 0.050      | 3.5704   | 50.0  |
| Atrazine                      | 0.244 | 0.236  | 0.010      | -3.4498  | 50.0  |
| Pentachlorophenol             | 0.122 | 0.108  | 0.010      | -11.4359 | 50.0  |
| Phenanthrene                  | 0.914 | 0.963  | 0.200      | 5.4143   | 50.0  |
| Pentachlorobenzene            | 0.276 | 0.311  | 0.050      | 12.629   | 50.0  |
| Anthracene                    | 0.936 | 0.994  | 0.200      | 6.2201   | 50.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.259 | 0.305  | 0.050      | 18.0014  | 50.0  |
| Carbazole                     | 0.777 | 0.811  | 0.050      | 4.316    | 50.0  |
| Di-n-butylphthalate           | 0.884 | 0.904  | 0.500      | 2.2374   | 50.0  |
| Fluoranthene                  | 1.084 | 1.204  | 0.400      | 11.0508  | 50.0  |
| Pyrene                        | 1.149 | 1.271  | 0.400      | 10.6257  | 50.0  |
| Butylbenzylphthalate          | 0.336 | 0.388  | 0.100      | 15.4749  | 50.0  |
| 3,3-Dichlorobenzidine         | 0.430 | 0.484  | 0.010      | 12.5926  | 50.0  |
| Benzo (a) anthracene          | 1.265 | 1.363  | 0.300      | 7.7613   | 50.0  |
| Chrysene                      | 1.179 | 1.256  | 0.200      | 6.4876   | 50.0  |
| Bis(2-ethylhexyl)phthalate    | 0.489 | 0.567  | 0.200      | 15.9864  | 50.0  |
| Di-n-octyl phthalate          | 0.788 | 0.914  | 0.010      | 15.9302  | 50.0  |
| Benzo (b) fluoranthene        | 1.203 | 1.263  | 0.200      | 4.9592   | 50.0  |
| Benzo (k) fluoranthene        | 1.199 | 1.254  | 0.200      | 4.6366   | 50.0  |
| Benzo (a) pyrene              | 1.113 | 1.142  | 0.200      | 2.6012   | 50.0  |
| Indeno (1,2,3-cd) pyrene      | 1.365 | 1.411  | 0.200      | 3.3505   | 50.0  |
| Dibenzo (a,h) anthracene      | 1.113 | 1.157  | 0.200      | 3.9167   | 50.0  |
| Benzo (g,h,i) perylene        | 1.035 | 1.081  | 0.200      | 4.4392   | 50.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.427 | 0.409  | 0.040      | -4.2637  | 50.0  |
| 1,4-Dioxane-d8                | 0.442 | 0.436  | 0.010      | -1.3403  | 50.0  |
| Pyridine-d5                   | 1.462 | 1.458  | 0.010      | -0.2428  | 50.0  |
| Phenol-d5                     | 1.805 | 1.803  | 0.010      | -0.0687  | 50.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.059 | 1.044  | 0.050      | -1.4215  | 50.0  |
| 2-Chlorophenol-d4             | 1.171 | 1.255  | 0.200      | 7.1122   | 50.0  |
| 4-Methylphenol-d8             | 1.530 | 1.600  | 0.010      | 4.575    | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG No.: BG110824

Instrument ID: BNA\_G Calibration Date/Time: 11/10/2024 : 02:52

Lab File ID: BG063281.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020525 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.141 | 0.152  | 0.050      | 8.2272   | 50.0  |
| 2-Nitrophenol-d4              | 0.182 | 0.188  | 0.050      | 3.344    | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.357 | 0.395  | 0.060      | 10.736   | 50.0  |
| 4-Chloroaniline-d4            | 0.465 | 0.450  | 0.010      | -3.0224  | 50.0  |
| Dimethylphthalate-d6          | 1.567 | 1.366  | 0.300      | -12.784  | 50.0  |
| Acenaphthylene-d8             | 1.533 | 1.609  | 0.400      | 4.9498   | 50.0  |
| 4-Nitrophenol-d4              | 0.214 | 0.195  | 0.010      | -9.16    | 50.0  |
| Fluorene-d10                  | 1.322 | 1.326  | 0.100      | 0.289    | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.126 | 0.113  | 0.010      | -10.4438 | 50.0  |
| Anthracene-d10                | 0.860 | 0.893  | 0.300      | 3.9233   | 50.0  |
| Pyrene-d10                    | 1.003 | 1.078  | 0.300      | 7.5028   | 50.0  |
| Benzo(a)pyrene-d12            | 0.966 | 0.998  | 0.010      | 3.318    | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SBLK721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063226.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SBLK721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063226.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SBLK721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063226.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.508  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.218 |           | 20-120 |      | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.424 |           | 10-130 |      | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.614 |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.402 |           | 15-120 |      | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.832 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.685 |           | 10-135 |      | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.137 |           | 10-120 |      | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.878 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.379 |           | 1-145  |      | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.352 |           | 10-145 |      | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.169 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.003 |           | 10-150 |      | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.449 |           | 20-140 |      | 64         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SBLK721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063226.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.014  |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.836  |           | 10-150 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.597  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.007  |           | 10-140 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 99794   | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 436069  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 393919  | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 986890  | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1038064 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1094646 | 24.518    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE1        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4586-01     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.3                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063227.D        | 1         | 11/5/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164682      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 7.8  | 79         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 97.4 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 91    | U         | 91  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 97.4 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 97.4 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.2 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 37    | U         | 37  | 97.4 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 97.4 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 150   | J         | 78  | 97.4 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 63    | U         | 63  | 97.4 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 93    | U         | 93  | 50.2 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 72    | U         | 72  | 50.2 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 76    | U         | 76  | 50.2 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 78    | U         | 78  | 50.2 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 71    | U         | 71  | 50.2 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 50.2 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 53    | U         | 53  | 50.2 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 45    | U         | 45  | 50.2 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 50.2 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 50.2 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 50.2 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 76    | U         | 76  | 97.4 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 50.2 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 50.2 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 38    | U         | 38  | 50.2 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 97.4 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 50.2 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 50.2 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE1        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4586-01     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.3                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063227.D        | 1         | 11/5/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164682      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 50.2 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 39    | U         | 39  | 50.2 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 53    | U         | 53  | 50.2 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 50.2 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 50.2 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 50.2 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 78    | U         | 78  | 97.4 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 50.2 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 97.4 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 97.4 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 50.2 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 50.2 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 50.2 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 50.2 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 50.2 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 97.4 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 97.4 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 50.2 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 50.2 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 50.2 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 50.2 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 97.4 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 97.4 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 32    | U         | 32  | 50.2 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 50.2 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 30    | U         | 30  | 50.2 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 50.2 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 97.4 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 32    | U         | 32  | 50.2 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 63    | J         | 22  | 97.4 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE1     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4586-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.3                   |
| Sample Wt/Vol:     | 30        | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
| Injection Volume : |           | GPC Factor :    | LOW                    |
|                    |           | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063227.D        | 1         | 11/5/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164682      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21    | U         | 21     | 50.2 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26    | U         | 26     | 50.2 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61    | U         | 61     | 97.4 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27    | U         | 27     | 50.2 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 28    | U         | 28     | 50.2 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 30    | U         | 30     | 50.2 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 57    | U         | 57     | 97.4 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 44    | U         | 44     | 50.2 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45    | U         | 45     | 50.2 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 37    | U         | 37     | 50.2 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33    | U         | 33     | 50.2 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31    | U         | 31     | 50.2 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 38    | U         | 38     | 50.2 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43    | U         | 43     | 50.2 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 0.941 | *         | 15-120 |      | 12         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.786 | *         | 20-120 |      | 4          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.834 |           | 10-130 |      | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 8.677 |           | 10-150 |      | 22         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 9.967 |           | 15-120 |      | 25         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 7.405 |           | 10-140 |      | 19         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 8.958 |           | 10-135 |      | 22         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 7.937 |           | 10-120 |      | 20         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 8.362 |           | 10-140 |      | 21         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.6   |           | 1-145  |      | 16         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 8.66  |           | 10-145 |      | 22         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 9.161 |           | 15-120 |      | 23         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.924 |           | 10-150 |      | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 9.074 |           | 20-140 |      | 23         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE1        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4586-01     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 15.3                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063227.D        | 1         | 11/5/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164682      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 6.418   |           | 10-130 |     | 16         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 9.525   |           | 10-150 |     | 24         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 9.225   |           | 10-130 |     | 23         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 7.086   |           | 10-140 |     | 18         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 98888   | 7.839     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 451898  | 10.63     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 399344  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 984709  | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1005347 | 21.482    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1082065 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 31      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI7     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 8.8                    |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063228.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 30    | U         | 30  | 7.2  | 73         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 63    | U         | 63  | 90.2 | 360        | ug/Kg |
| 110-86-1       | Pyridine                    | 84    | U         | 84  | 180  | 360        | ug/Kg |
| 108-95-2       | Phenol                      | 38    | J         | 33  | 90.2 | 360        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 32    | U         | 32  | 90.2 | 360        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 46.4 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 34    | U         | 34  | 90.2 | 360        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 44    | U         | 44  | 90.2 | 360        | ug/Kg |
| 98-86-2        | Acetophenone                | 72    | U         | 72  | 90.2 | 360        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 58    | U         | 58  | 90.2 | 360        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 86    | U         | 86  | 46.4 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 67    | U         | 67  | 46.4 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 70    | U         | 70  | 46.4 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 72    | U         | 72  | 46.4 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 66    | U         | 66  | 46.4 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 35    | U         | 35  | 46.4 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 49    | U         | 49  | 46.4 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 42    | U         | 42  | 46.4 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 46.4 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 39    | U         | 39  | 46.4 | 360        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 38    | U         | 38  | 46.4 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 70    | U         | 70  | 90.2 | 360        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 45    | U         | 45  | 46.4 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 26    | U         | 26  | 46.4 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 35    | U         | 35  | 46.4 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 90.2 | 360        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 26    | U         | 26  | 46.4 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 36    | U         | 36  | 46.4 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | C0PI7                 | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4636-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 8.8                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      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 |
| BG063228.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 28    | U         | 28  | 46.4 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 36    | U         | 36  | 46.4 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 49    | U         | 49  | 46.4 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 33    | U         | 33  | 46.4 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 22    | U         | 22  | 46.4 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 32    | U         | 32  | 46.4 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 72    | U         | 72  | 90.2 | 360        | ug/Kg |
| 83-32-9    | Acenaphthene               | 28    | U         | 28  | 46.4 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 90.2 | 360        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 48    | U         | 48  | 90.2 | 360        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 30    | U         | 30  | 46.4 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 38    | U         | 38  | 46.4 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 36    | U         | 36  | 46.4 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 30    | U         | 30  | 46.4 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22    | U         | 22  | 46.4 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 26    | U         | 26  | 90.2 | 360        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 42    | U         | 42  | 90.2 | 360        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 26    | U         | 26  | 46.4 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 37    | U         | 37  | 46.4 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28    | U         | 28  | 46.4 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 31    | U         | 31  | 46.4 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 31    | U         | 31  | 90.2 | 360        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 96    | U         | 96  | 90.2 | 360        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 46.4 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 40    | U         | 40  | 46.4 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 27    | U         | 27  | 46.4 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 46.4 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 37    | U         | 37  | 90.2 | 360        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 30    | U         | 30  | 46.4 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 21    | U         | 21  | 90.2 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0PI7     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 8.8                    |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063228.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 46.4 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 24     | U         | 24     | 46.4 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 57     | U         | 57     | 90.2 | 360        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 25     | U         | 25     | 46.4 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 26     | U         | 26     | 46.4 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27     | U         | 27     | 46.4 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 90.2 | 360        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 40     | U         | 40     | 46.4 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 42     | U         | 42     | 46.4 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 34     | U         | 34     | 46.4 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 46.4 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 46.4 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 35     | U         | 35     | 46.4 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 39     | U         | 39     | 46.4 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.419  |           | 15-120 |      | 43         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.534 |           | 20-120 |      | 39         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.179 |           | 10-130 |      | 48         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.829 |           | 10-150 |      | 50         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.209 |           | 15-120 |      | 53         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.69  |           | 10-140 |      | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 21.61  |           | 10-135 |      | 54         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 21.403 |           | 10-120 |      | 54         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.536 |           | 10-140 |      | 54         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.703 |           | 1-145  |      | 49         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.477 |           | 10-145 |      | 51         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.391 |           | 15-120 |      | 58         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.009 |           | 10-150 |      | 45         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.193 |           | 20-140 |      | 55         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | C0P17              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-01           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 8.8                    |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063228.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 17.638 |           | 10-130 |     | 44         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22.644 |           | 10-150 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.708 |           | 10-130 |     | 62         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.39  |           | 10-140 |     | 58         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 96546  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 429419 | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 375625 | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 940879 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 952773 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 997325 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 340    | J         |        |     | 15.831     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 150    | J         |        |     | 18.123     |          |
| E966796                               | Total Alkanes                 | 28     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P0      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-02   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 7.2                    |
| Sample Wt/Vol:     | 30.1       | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                    |
|                    |            |                 | 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 |
| BG063229.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 29    | U         | 29  | 7.1  | 72         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 62    | U         | 62  | 88.6 | 350        | ug/Kg |
| 110-86-1       | Pyridine                    | 83    | U         | 83  | 180  | 350        | ug/Kg |
| 108-95-2       | Phenol                      | 32    | U         | 32  | 88.6 | 350        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 31    | U         | 31  | 88.6 | 350        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 30    | U         | 30  | 45.6 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 33    | U         | 33  | 88.6 | 350        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    | U         | 43  | 88.6 | 350        | ug/Kg |
| 98-86-2        | Acetophenone                | 71    | U         | 71  | 88.6 | 350        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 57    | U         | 57  | 88.6 | 350        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 85    | U         | 85  | 45.6 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 66    | U         | 66  | 45.6 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 69    | U         | 69  | 45.6 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 71    | U         | 71  | 45.6 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 64    | U         | 64  | 45.6 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 34    | U         | 34  | 45.6 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 48    | U         | 48  | 45.6 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 41    | U         | 41  | 45.6 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 39    | U         | 39  | 45.6 | 350        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 38    | U         | 38  | 45.6 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 69    | U         | 69  | 88.6 | 350        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 44    | U         | 44  | 45.6 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 34    | U         | 34  | 45.6 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 88.6 | 350        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 35    | U         | 35  | 45.6 | 180        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P0     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-02  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 7.2                    |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063229.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 35    | U         | 35  | 45.6 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 48    | U         | 48  | 45.6 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 32    | U         | 32  | 45.6 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 45.6 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 31    | U         | 31  | 45.6 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 71    | U         | 71  | 88.6 | 350        | ug/Kg |
| 83-32-9    | Acenaphthene               | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 88.6 | 350        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 47    | U         | 47  | 88.6 | 350        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 38    | U         | 38  | 45.6 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 35    | U         | 35  | 45.6 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 45.6 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 26    | U         | 26  | 88.6 | 350        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 41    | U         | 41  | 88.6 | 350        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 26    | U         | 26  | 45.6 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 37    | U         | 37  | 45.6 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28    | U         | 28  | 45.6 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 30    | U         | 30  | 45.6 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 30    | U         | 30  | 88.6 | 350        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 95    | U         | 95  | 88.6 | 350        | ug/Kg |
| 85-01-8    | Phenanthrene               | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 40    | U         | 40  | 45.6 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 27    | U         | 27  | 45.6 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 45.6 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 37    | U         | 37  | 88.6 | 350        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 29    | U         | 29  | 45.6 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 88.6 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | CC0P0                 | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4636-02              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 7.2                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      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 |
| BG063229.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 45.6 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 24     | U         | 24     | 45.6 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 56     | U         | 56     | 88.6 | 350        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 25     | U         | 25     | 45.6 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 26     | U         | 26     | 45.6 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27     | U         | 27     | 45.6 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 52     | U         | 52     | 88.6 | 350        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 40     | U         | 40     | 45.6 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 41     | U         | 41     | 45.6 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 33     | U         | 33     | 45.6 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 30     | U         | 30     | 45.6 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     | U         | 28     | 45.6 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     | U         | 34     | 45.6 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 39     | U         | 39     | 45.6 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.991  |           | 15-120 |      | 37         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.379 |           | 20-120 |      | 31         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.837 |           | 10-130 |      | 42         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.25  |           | 10-150 |      | 43         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.793 |           | 15-120 |      | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.582 |           | 10-140 |      | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.166 |           | 10-135 |      | 48         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 18.711 |           | 10-120 |      | 47         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.212 |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.756 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.11  |           | 10-145 |      | 45         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.279 |           | 15-120 |      | 51         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.221 |           | 10-150 |      | 38         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.651 |           | 20-140 |      | 49         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P0              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-02           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 7.2                    |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063229.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.786  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.719  |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.546  |           | 10-130 |     | 56         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.447  |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 99811   | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 444725  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 398216  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 953947  | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 961532  | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1020694 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 330     | J         |        |     | 15.832     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 140     | J         |        |     | 18.124     |          |
| E966796                               | Total Alkanes                 | 28      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063230.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 28    | U         | 28  | 6.9  | 69         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 60    | U         | 60  | 85.9 | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 80    | U         | 80  | 170  | 340        | ug/Kg |
| 108-95-2       | Phenol                      | 31    | U         | 31  | 85.9 | 340        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 30    | U         | 30  | 85.9 | 340        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 44.3 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 32    | U         | 32  | 85.9 | 340        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 42    | U         | 42  | 85.9 | 340        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 85.9 | 340        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 85.9 | 340        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 82    | U         | 82  | 44.3 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 64    | U         | 64  | 44.3 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 67    | U         | 67  | 44.3 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 44.3 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63    | U         | 63  | 44.3 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 44.3 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 47    | U         | 47  | 44.3 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 44.3 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 38    | U         | 38  | 44.3 | 340        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 36    | U         | 36  | 44.3 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 67    | U         | 67  | 85.9 | 340        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 44.3 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 33    | U         | 33  | 44.3 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 85.9 | 340        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 34    | U         | 34  | 44.3 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063230.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 44.3 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 34    | U         | 34  | 44.3 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 47    | U         | 47  | 44.3 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 31    | U         | 31  | 44.3 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 44.3 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 30    | U         | 30  | 44.3 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 69    | U         | 69  | 85.9 | 340        | ug/Kg |
| 83-32-9    | Acenaphthene               | 27    | U         | 27  | 44.3 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 85.9 | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 85.9 | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 28    | U         | 28  | 44.3 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 36    | U         | 36  | 44.3 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 34    | U         | 34  | 44.3 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 44.3 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.3 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 25    | U         | 25  | 85.9 | 340        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 85.9 | 340        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 25    | U         | 25  | 44.3 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 35    | U         | 35  | 44.3 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    | U         | 27  | 44.3 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 29    | U         | 29  | 44.3 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 29    | U         | 29  | 85.9 | 340        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 92    | U         | 92  | 85.9 | 340        | ug/Kg |
| 85-01-8    | Phenanthrene               | 28    | U         | 28  | 44.3 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 39    | U         | 39  | 44.3 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.3 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 44.3 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 35    | U         | 35  | 85.9 | 340        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 28    | U         | 28  | 44.3 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 85.9 | 180        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063230.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 44.3 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 23     | U         | 23     | 44.3 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 54     | U         | 54     | 85.9 | 340        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 24     | U         | 24     | 44.3 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 25     | U         | 25     | 44.3 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 270    |           | 26     | 44.3 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 85.9 | 340        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 39     | U         | 39     | 44.3 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.3 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 44.3 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     | U         | 29     | 44.3 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     | U         | 27     | 44.3 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 33     | U         | 33     | 44.3 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 38     | U         | 38     | 44.3 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.655  |           | 15-120 |      | 33         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.615 |           | 20-120 |      | 29         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 16.37  |           | 10-130 |      | 41         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.584 |           | 10-150 |      | 41         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.826 |           | 15-120 |      | 45         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.163 |           | 10-140 |      | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.645 |           | 10-135 |      | 44         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.177 |           | 10-120 |      | 43         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 17.923 |           | 10-140 |      | 45         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.743 |           | 1-145  |      | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 17.385 |           | 10-145 |      | 43         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.333 |           | 15-120 |      | 48         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.118 |           | 10-150 |      | 38         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.152 |           | 20-140 |      | 48         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 4                      |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063230.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 16.098  |           | 10-130 |     | 40         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 18.775  |           | 10-150 |     | 47         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.792  |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 20.117  |           | 10-140 |     | 50         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 103581  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 493031  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 426078  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1044044 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1046189 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1119272 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 110     | J         |        |     | 15.832     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 150     | J         |        |     | 18.124     |          |
| 041755-58-2                           | Triacetyl acetate             | 130     | J         |        |     | 21.15      |          |
|                                       | (DEL) Alkane: Straight-Chain  | 23.647  | J         |        |     | 23.647     |          |
| E966796                               | Total Alkanes                 | 150     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | CC0P4                 | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4636-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.5                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      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 |
| BG063231.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 28    | U         | 28  | 6.9  | 70         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 61    | U         | 61  | 86.1 | 340        | ug/Kg |
| 110-86-1       | Pyridine                    | 80    | U         | 80  | 170  | 340        | ug/Kg |
| 108-95-2       | Phenol                      | 31    | U         | 31  | 86.1 | 340        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 30    | U         | 30  | 86.1 | 340        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 29    | U         | 29  | 44.4 | 180        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 32    | U         | 32  | 86.1 | 340        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 42    | U         | 42  | 86.1 | 340        | ug/Kg |
| 98-86-2        | Acetophenone                | 69    | U         | 69  | 86.1 | 340        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 55    | U         | 55  | 86.1 | 340        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 82    | U         | 82  | 44.4 | 180        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 64    | U         | 64  | 44.4 | 180        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 67    | U         | 67  | 44.4 | 180        | ug/Kg |
| 78-59-1        | Isophorone                  | 69    | U         | 69  | 44.4 | 180        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 63    | U         | 63  | 44.4 | 180        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 33    | U         | 33  | 44.4 | 180        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 47    | U         | 47  | 44.4 | 180        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 40    | U         | 40  | 44.4 | 180        | ug/Kg |
| 91-20-3        | Naphthalene                 | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 38    | U         | 38  | 44.4 | 340        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 37    | U         | 37  | 44.4 | 180        | ug/Kg |
| 105-60-2       | Caprolactam                 | 67    | U         | 67  | 86.1 | 340        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 43    | U         | 43  | 44.4 | 180        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 33    | U         | 33  | 44.4 | 180        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 100   | U         | 100 | 86.1 | 340        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 34    | U         | 34  | 44.4 | 180        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 10/22/2024 12:00:00 AM      |
| Project:           |                       | Date Received:  | 10/22/2024 12:00:00 AM      |
| Client Sample ID:  | CC0P4                 | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4636-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 4.5                         |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500                      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 |
| BG063231.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 34    | U         | 34  | 44.4 | 180        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 47    | U         | 47  | 44.4 | 180        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 31    | U         | 31  | 44.4 | 180        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 21    | U         | 21  | 44.4 | 180        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 30    | U         | 30  | 44.4 | 180        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 69    | U         | 69  | 86.1 | 340        | ug/Kg |
| 83-32-9    | Acenaphthene               | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 140   | U         | 140 | 86.1 | 340        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 46    | U         | 46  | 86.1 | 340        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 37    | U         | 37  | 44.4 | 180        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 34    | U         | 34  | 44.4 | 180        | ug/Kg |
| 86-73-7    | Fluorene                   | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 21    | U         | 21  | 44.4 | 180        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 25    | U         | 25  | 86.1 | 340        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 40    | U         | 40  | 86.1 | 340        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 25    | U         | 25  | 44.4 | 180        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 35    | U         | 35  | 44.4 | 180        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 27    | U         | 27  | 44.4 | 180        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 29    | U         | 29  | 44.4 | 180        | ug/Kg |
| 1912-24-9  | Atrazine                   | 29    | U         | 29  | 86.1 | 340        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 92    | U         | 92  | 86.1 | 340        | ug/Kg |
| 85-01-8    | Phenanthrene               | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 39    | U         | 39  | 44.4 | 180        | ug/Kg |
| 120-12-7   | Anthracene                 | 26    | U         | 26  | 44.4 | 180        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 18    | U         | 18  | 44.4 | 180        | ug/Kg |
| 86-74-8    | Carbazole                  | 35    | U         | 35  | 86.1 | 340        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 28    | U         | 28  | 44.4 | 180        | ug/Kg |
| 206-44-0   | Fluoranthene               | 20    | U         | 20  | 86.1 | 180        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P4     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-06  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 4.5                    |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063231.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 19     | U         | 19     | 44.4 | 180        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 23     | U         | 23     | 44.4 | 180        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 54     | U         | 54     | 86.1 | 340        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 24     | U         | 24     | 44.4 | 180        | ug/Kg    |
| 218-01-9          | Chrysene                    | 25     | U         | 25     | 44.4 | 180        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 39     | J         | 26     | 44.4 | 180        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 50     | U         | 50     | 86.1 | 340        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 39     | U         | 39     | 44.4 | 180        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 40     | U         | 40     | 44.4 | 180        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 32     | U         | 32     | 44.4 | 180        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     | U         | 29     | 44.4 | 180        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 27     | U         | 27     | 44.4 | 180        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 33     | U         | 33     | 44.4 | 180        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 38     | U         | 38     | 44.4 | 180        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.253  |           | 15-120 |      | 41         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.082 |           | 20-120 |      | 33         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.23  |           | 10-130 |      | 46         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.444 |           | 10-150 |      | 44         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.054 |           | 15-120 |      | 48         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.501 |           | 10-140 |      | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.784 |           | 10-135 |      | 49         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.943 |           | 10-120 |      | 50         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 20.102 |           | 10-140 |      | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.928 |           | 1-145  |      | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.426 |           | 10-145 |      | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.21  |           | 15-120 |      | 53         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.626 |           | 10-150 |      | 42         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.687 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P4      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-06   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 4.5                    |
| Sample Wt/Vol:     | 30.1       | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500 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 |
| BG063231.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 17.641  |           | 10-130 |     | 44         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 21.132  |           | 10-150 |     | 53         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 24.127  |           | 10-130 |     | 60         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 22.341  |           | 10-140 |     | 56         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 100470  | 7.834     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 451732  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 399937  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 977018  | 17.223    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 956069  | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1031223 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 100     | J         |        |     | 15.831     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 130     | J         |        |     | 18.128     |          |
| 002437-79-8                           | 1,1-Biphenyl, 2,2,4,4-tetrachlo    | 170     | J         |        |     | 18.299     |          |
| 015968-05-5                           | 1,1-Biphenyl, 2,2,6,6-tetrachlo    | 160     | J         |        |     | 19.121     |          |
| 052663-60-2                           | 1,1-Biphenyl, 2,2,3,3,6-pentach    | 310     | J         |        |     | 19.151     |          |
| 060145-20-2                           | 1,1-Biphenyl, 2,2,3,3,5-pentach    | 72      | J         |        |     | 19.356     |          |
| 076842-07-4                           | 2,3,3,4,5- Pentachloro-1,1-bip     | 440     | J         |        |     | 19.433     |          |
| 074472-36-9                           | 2,3,3,5,6-Pentachloro-1,1-biphen   | 140     | J         |        |     | 19.497     |          |
| 068194-05-8                           | 2,2,3,4,6-Pentachloro-1,1-biphe    | 110     | J         |        |     | 19.691     |          |
| 041464-51-1                           | 1,1-Biphenyl, 2,2,3,4,5-Pentach    | 180     | J         |        |     | 19.773     |          |
| 031508-00-6                           | 1,1-Biphenyl, 2,3,4,4,5-pentach    | 430     | J         |        |     | 19.879     |          |
| 074472-41-6                           | 2,2,3,4,5,6-Hexachloro-1,1-bip     | 180     | J         |        |     | 20.144     |          |
| 056558-16-8                           | 1,1-Biphenyl, 2,2,4,6,6-Pentach    | 330     | J         |        |     | 20.191     |          |
| 074472-42-7                           | 2,3,3,4,4,6-Hexachloro-1,1-biph    | 210     | J         |        |     | 20.42      |          |
| 052663-72-6                           | 1,1-Biphenyl, 2,3,4,4,5,5-hexa     | 110     | J         |        |     | 20.473     |          |
| 000511-15-9                           | 2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 | 260     | J         |        |     | 20.502     |          |
| 041411-63-6                           | 2,3,4,4,5,6-Hexachloro-1,1-biphe   | 350     | J         |        |     | 20.737     |          |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0P4              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-06           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 4.5                    |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063231.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number  | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|-------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 068194-09-2 | 2,2,3,5,6,6-Hexachloro-1,1-biph    | 87    | J         |     |     | 21.06      |       |
|             | (DEL) Alkane: Straight-Chain21.148 | 130   | J         |     |     | 21.148     |       |
| E966796     | Total Alkanes                      | 130   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BL             | 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 |
| BG063233.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BL             | 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 |
| BG063233.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK573        | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BL     | 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 |
| BG063233.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.481  |           | 15-120 |     | 81         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 30.568 |           | 20-120 |     | 76         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.076 |           | 10-130 |     | 78         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.659 |           | 25-120 |     | 82         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.364 |           | 20-130 |     | 86         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.504 |           | 25-125 |     | 79         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.554 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.009 |           | 20-130 |     | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.444 |           | 20-120 |     | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.772 |           | 1-146  |     | 74         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.956 |           | 25-130 |     | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.287 |           | 10-130 |     | 83         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.871 |           | 10-150 |     | 70         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.516 |           | 25-125 |     | 79         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BL             | 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 |
| BG063233.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.826  |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.026  |           | 25-130 |     | 85         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.598  |           | 15-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 34.32   |           | 20-130 |     | 86         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 96762   | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 458550  | 10.629    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 407829  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1005060 | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1027104 | 21.481    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1078069 | 24.519    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-11               | 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 |
| BG063234.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-11               | 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 |
| BG063234.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD9          | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-11       | 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 |
| BG063234.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.635  |           | 15-120 |     | 45         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.627  | *         | 20-120 |     | 9          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.153  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.292 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.708 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.868 |           | 25-125 |     | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.996 |           | 20-125 |     | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.416 |           | 20-130 |     | 74         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.071 |           | 20-120 |     | 73         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 1.942  |           | 1-146  |     | 5          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.095 |           | 25-130 |     | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.068 |           | 10-130 |     | 75         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.039  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.311 |           | 25-125 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-11               | 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 |
| BG063234.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 30.141  |           | 10-130 |     | 75         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.528  |           | 25-130 |     | 91         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 37.815  |           | 15-130 |     | 95         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.625  |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 100192  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 473450  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 418934  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1013333 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1030286 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1093477 | 24.518    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000127-18-4                           | Tetrachloroethylene           | 120     | J         |        |     | 4.57       |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-13               | 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 |
| BG063235.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-13               | 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 |
| BG063235.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF3      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-13   | 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 |
| BG063235.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.186  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.978  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.436  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.361 |           | 25-120 |     | 76         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.985 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.654 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.546 |           | 20-125 |     | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.751 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.812 |           | 20-120 |     | 75         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.085 |           | 1-146  |     | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.628 |           | 25-130 |     | 77         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.411 |           | 10-130 |     | 81         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.892  |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.159 |           | 25-125 |     | 80         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-13               | 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 |
| BG063235.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 32.078  |           | 10-130 |     | 80         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 37.662  |           | 25-130 |     | 94         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 38.887  |           | 15-130 |     | 97         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 38.023  |           | 20-130 |     | 95         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 100503  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 463977  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 396219  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 975163  | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1005011 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1058360 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000127-18-4                           | Tetrachloroethylene           | 84      | J         |        |     | 4.57       |          |
| 000119-61-9                           | Benzophenone                  | 2.4     | J         |        |     | 15.833     |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-14               | 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 |
| BG063236.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-14               | 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 |
| BG063236.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-14               | 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 |
| BG063236.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.726  |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.051  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.958  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.68  |           | 25-120 |     | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.141 |           | 20-130 |     | 60         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.836 |           | 25-125 |     | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.367 |           | 20-125 |     | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.114 |           | 20-130 |     | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.965 |           | 20-120 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.704 |           | 1-146  |     | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.054 |           | 25-130 |     | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.32  |           | 10-130 |     | 68         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.78   |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.137 |           | 25-125 |     | 70         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-14               | 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 |
| BG063236.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.407  |           | 10-130 |     | 71         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.597  |           | 25-130 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.402  |           | 15-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 34.345  |           | 20-130 |     | 86         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 102220  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 486668  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 423964  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1024435 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1035344 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1101283 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-10     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063237.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 96.5 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 90    | U         | 90  | 190  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 96.5 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 96.5 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 49.7 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 96.5 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 96.5 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 77    | U         | 77  | 96.5 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 62    | U         | 62  | 96.5 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 92    | U         | 92  | 49.7 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 71    | U         | 71  | 49.7 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 75    | U         | 75  | 49.7 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 77    | U         | 77  | 49.7 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 70    | U         | 70  | 49.7 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 49.7 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 53    | U         | 53  | 49.7 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 49.7 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 49.7 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 42    | U         | 42  | 49.7 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 49.7 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 96.5 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 49.7 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 49.7 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 49.7 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 96.5 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 49.7 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 49.7 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q2     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-10  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30        | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063237.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 49.7 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 39    | U         | 39  | 49.7 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 53    | U         | 53  | 49.7 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 49.7 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 49.7 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 49.7 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 77    | U         | 77  | 96.5 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 49.7 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 96.5 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 51    | U         | 51  | 96.5 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 49.7 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 49.7 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 49.7 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 49.7 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 49.7 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 96.5 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 44    | U         | 44  | 96.5 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 49.7 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 49.7 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 49.7 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 49.7 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 96.5 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 96.5 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 32    | U         | 32  | 49.7 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 49.7 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 49.7 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 49.7 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 96.5 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 32    | U         | 32  | 49.7 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 22    | U         | 22  | 96.5 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q2     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-10  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30        | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063237.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 21     | U         | 21     | 49.7 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26     | U         | 26     | 49.7 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61     | U         | 61     | 96.5 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 49.7 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 28     | U         | 28     | 49.7 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     | U         | 29     | 49.7 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 56     | U         | 56     | 96.5 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 43     | U         | 43     | 49.7 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 44     | U         | 44     | 49.7 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 36     | U         | 36     | 49.7 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 49.7 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 49.7 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 37     | U         | 37     | 49.7 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 49.7 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.239  |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.788 |           | 20-120 |      | 29         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 17.78  |           | 10-130 |      | 44         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 17.643 |           | 10-150 |      | 44         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.954 |           | 15-120 |      | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.751 |           | 10-140 |      | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.536 |           | 10-135 |      | 49         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.594 |           | 10-120 |      | 49         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.386 |           | 10-140 |      | 48         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.441 |           | 1-145  |      | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 18.389 |           | 10-145 |      | 46         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.578 |           | 15-120 |      | 51         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.686 |           | 10-150 |      | 39         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.301 |           | 20-140 |      | 51         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q2        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-10     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.5                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063237.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.871  |           | 10-130 |     | 40         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.252  |           | 10-150 |     | 51         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.761  |           | 10-130 |     | 57         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.446  |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 94564   | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 435954  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 389468  | 14.47     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 954318  | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 953456  | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1018147 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 130     | J         |        |     | 18.125     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.145  | J         |        |     | 21.145     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 23.642  | J         |        |     | 23.642     |          |
| 1000406-31-9                          | Docosane, 1-iodo-             | 250     | J         |        |     | 25.569     |          |
| E966796                               | Total Alkanes                 | 230     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q3      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-11   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 33.1                   |
| Sample Wt/Vol:     | 30         | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                    |
|                    |            |                 | 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 |
| BG063238.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 40    | U         | 40  | 9.9  | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 87    | U         | 87  | 120  | 490        | ug/Kg |
| 110-86-1       | Pyridine                    | 120   | U         | 120 | 250  | 490        | ug/Kg |
| 108-95-2       | Phenol                      | 45    | U         | 45  | 120  | 490        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 43    | U         | 43  | 120  | 490        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 42    | U         | 42  | 63.5 | 250        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 46    | U         | 46  | 120  | 490        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 60    | U         | 60  | 120  | 490        | ug/Kg |
| 98-86-2        | Acetophenone                | 150   | J         | 99  | 120  | 490        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 79    | U         | 79  | 120  | 490        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 120   | U         | 120 | 63.5 | 250        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 91    | U         | 91  | 63.5 | 250        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 96    | U         | 96  | 63.5 | 250        | ug/Kg |
| 78-59-1        | Isophorone                  | 99    | U         | 99  | 63.5 | 250        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 90    | U         | 90  | 63.5 | 250        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 48    | U         | 48  | 63.5 | 250        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 67    | U         | 67  | 63.5 | 250        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 57    | U         | 57  | 63.5 | 250        | ug/Kg |
| 91-20-3        | Naphthalene                 | 36    | U         | 36  | 63.5 | 250        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 54    | U         | 54  | 63.5 | 490        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 52    | U         | 52  | 63.5 | 250        | ug/Kg |
| 105-60-2       | Caprolactam                 | 96    | U         | 96  | 120  | 490        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 61    | U         | 61  | 63.5 | 250        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 36    | U         | 36  | 63.5 | 250        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 48    | U         | 48  | 63.5 | 250        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 140   | U         | 140 | 120  | 490        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 36    | U         | 36  | 63.5 | 250        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 49    | U         | 49  | 63.5 | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q3        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063238.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 39    | U         | 39  | 63.5 | 250        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 49    | U         | 49  | 63.5 | 250        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 67    | U         | 67  | 63.5 | 250        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 45    | U         | 45  | 63.5 | 250        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    | U         | 30  | 63.5 | 250        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 43    | U         | 43  | 63.5 | 250        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 99    | U         | 99  | 120  | 490        | ug/Kg |
| 83-32-9    | Acenaphthene               | 39    | U         | 39  | 63.5 | 250        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 190   | U         | 190 | 120  | 490        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 66    | U         | 66  | 120  | 490        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 40    | U         | 40  | 63.5 | 250        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 52    | U         | 52  | 63.5 | 250        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 49    | U         | 49  | 63.5 | 250        | ug/Kg |
| 86-73-7    | Fluorene                   | 40    | U         | 40  | 63.5 | 250        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 30    | U         | 30  | 63.5 | 250        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 36    | U         | 36  | 120  | 490        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 57    | U         | 57  | 120  | 490        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 36    | U         | 36  | 63.5 | 250        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 51    | U         | 51  | 63.5 | 250        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 39    | U         | 39  | 63.5 | 250        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 42    | U         | 42  | 63.5 | 250        | ug/Kg |
| 1912-24-9  | Atrazine                   | 42    | U         | 42  | 120  | 490        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 130   | U         | 130 | 120  | 490        | ug/Kg |
| 85-01-8    | Phenanthrene               | 40    | U         | 40  | 63.5 | 250        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 55    | U         | 55  | 63.5 | 250        | ug/Kg |
| 120-12-7   | Anthracene                 | 37    | U         | 37  | 63.5 | 250        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 25    | U         | 25  | 63.5 | 250        | ug/Kg |
| 86-74-8    | Carbazole                  | 51    | U         | 51  | 120  | 490        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 40    | U         | 40  | 63.5 | 250        | ug/Kg |
| 206-44-0   | Fluoranthene               | 28    | U         | 28  | 120  | 250        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q3        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063238.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 27    | U         | 27     | 63.5 | 250        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 33    | U         | 33     | 63.5 | 250        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 78    | U         | 78     | 120  | 490        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 34    | U         | 34     | 63.5 | 250        | ug/Kg    |
| 218-01-9          | Chrysene                    | 36    | U         | 36     | 63.5 | 250        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 660   |           | 37     | 63.5 | 250        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 72    | U         | 72     | 120  | 490        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 55    | U         | 55     | 63.5 | 250        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 57    | U         | 57     | 63.5 | 250        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 46    | U         | 46     | 63.5 | 250        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 42    | U         | 42     | 63.5 | 250        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 39    | U         | 39     | 63.5 | 250        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 48    | U         | 48     | 63.5 | 250        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 54    | U         | 54     | 63.5 | 250        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.011 | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34  | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.009 |           | 10-130 |      | 13         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 5.74  |           | 10-150 |      | 14         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 6.456 |           | 15-120 |      | 16         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 3.919 |           | 10-140 |      | 10         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 6.018 |           | 10-135 |      | 15         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 6.092 |           | 10-120 |      | 15         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 5.853 |           | 10-140 |      | 15         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 3.911 |           | 1-145  |      | 10         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.594 |           | 10-145 |      | 16         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 7.096 |           | 15-120 |      | 18         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 4.227 |           | 10-150 |      | 11         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.34  | *         | 20-140 |      | 18         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/22/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/22/2024 12:00:00 AM |
| Client Sample ID:  | CC0Q3        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4636-11     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 33.1                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063238.D        | 1         | 11/6/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 4.054  |           | 10-130 |     | 10         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 7.228  |           | 10-150 |     | 18         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 6.301  |           | 10-130 |     | 16         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 3.777  | *         | 10-140 |     | 9          | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 95217  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 428049 | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 376552 | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 907448 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 881185 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 969878 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 17.042 | 280       | J      |     | 17.042     |          |
| E966796                               | Total Alkanes                 | 280    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-10               | 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 |
| BG063239.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-10               | 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 |
| BG063239.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-10               | 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 |
| BG063239.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.792  |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.062  | *         | 20-120 |     | 5          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.902  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.718 |           | 25-120 |     | 67         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.079 |           | 20-130 |     | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.438 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.491 |           | 20-125 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.976 |           | 20-130 |     | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.24  |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.15  |           | 1-146  |     | 30         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.69  |           | 25-130 |     | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.628 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.49   |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.838 |           | 25-125 |     | 75         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD3                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-10               | 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 |
| BG063239.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.137  |           | 10-130 |     | 73         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.881  |           | 25-130 |     | 90         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 37.717  |           | 15-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.004  |           | 20-130 |     | 90         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 101835  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 469444  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 417961  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1021229 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1030527 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1088102 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD1                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-12               | 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 |
| BG063240.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD1                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-12               | 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 |
| BG063240.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD1                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-12               | 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 |
| BG063240.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.178  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.019  |           | 20-120 |     | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.131 |           | 10-130 |     | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.44  |           | 25-120 |     | 76         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.048 |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.894 |           | 25-125 |     | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.368 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.696 |           | 20-130 |     | 79         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.199 |           | 20-120 |     | 78         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.071 |           | 1-146  |     | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.856 |           | 25-130 |     | 80         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.82  |           | 10-130 |     | 85         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.292  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.637 |           | 25-125 |     | 87         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CD1                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-12               | 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 |
| BG063240.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 33.214  |           | 10-130 |     | 83         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 39.108  |           | 25-130 |     | 98         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 40.67   |           | 15-130 |     | 102        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 40.148  |           | 20-130 |     | 100        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 107703  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 500681  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 437369  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1072898 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1089540 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1137972 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 002315-61-9                           | Ethanol, 2-[2-[4-(1,1,3,3-tetramet | 2.1     | J         |        |     | 19.498     |          |
| E966796                               | Total Alkanes                      | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-17               | 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 |
| BG063241.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-17               | 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 |
| BG063241.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-17               | 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 |
| BG063241.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.274  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.158  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.503  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.112 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.482 |           | 20-130 |     | 61         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 14.934 |           | 25-125 |     | 37         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.615 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.592 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.881 |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.973 |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.031 |           | 25-130 |     | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.788 |           | 10-130 |     | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.307  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.329 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF9                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-17               | 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 |
| BG063241.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.776  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.959  |           | 25-130 |     | 87         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 36.022  |           | 15-130 |     | 90         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.746  |           | 20-130 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 103391  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 468944  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 410835  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1003376 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1043139 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1093151 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF6                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-18               | 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 |
| BG063242.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF6                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-18               | 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 |
| BG063242.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF6                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-18               | 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 |
| BG063242.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.907  |           | 15-120 |     | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.967  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.064  |           | 10-130 |     | 15         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.632 |           | 25-120 |     | 67         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.892 |           | 20-130 |     | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.027 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.489 |           | 20-125 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.588 |           | 20-130 |     | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.594 |           | 20-120 |     | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.445 |           | 1-146  |     | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.361 |           | 25-130 |     | 71         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.613 |           | 10-130 |     | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.064  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.083 |           | 25-125 |     | 75         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF6                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-18               | 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 |
| BG063242.D        | 1         | 10/31/2024 12:00:00 AM | 11/8/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.823  |           | 10-130 |     | 75         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.861  |           | 25-130 |     | 87         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.959  |           | 15-130 |     | 90         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.649  |           | 20-130 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 104926  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 477264  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 422155  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1005954 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1043984 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1092108 | 24.509    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CE0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-19               | 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 |
| BG063243.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CE0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-19               | 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 |
| BG063243.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CE0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-19               | 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 |
| BG063243.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.953  |           | 15-120 |     | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.803  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.194  |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.933 |           | 25-120 |     | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.083 |           | 20-130 |     | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.974 |           | 25-125 |     | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.402 |           | 20-125 |     | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.491 |           | 20-130 |     | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.398 |           | 20-120 |     | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 16.906 |           | 1-146  |     | 42         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.679 |           | 25-130 |     | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.865 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.199  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.45  |           | 25-125 |     | 66         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CE0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-19               | 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 |
| BG063243.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.896  |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.694  |           | 25-130 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.244  |           | 15-130 |     | 86         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 34.02   |           | 20-130 |     | 85         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 102689  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 495079  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 441416  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1046402 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1090873 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1154968 | 24.517    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000127-18-4                           | Tetrachloroethylene           | 6.5     | J         |        |     | 4.57       |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CQ0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-06               | 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 |
| BG063244.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CQ0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-06               | 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 |
| BG063244.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CQ0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-06               | 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 |
| BG063244.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.471  |           | 15-120 |     | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.868  |           | 20-120 |     | 25         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.75   |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.621 |           | 25-120 |     | 79         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.834 |           | 20-130 |     | 75         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.49  |           | 25-125 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.872 |           | 20-125 |     | 80         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.288 |           | 20-130 |     | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.544 |           | 20-120 |     | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.05  |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.452 |           | 25-130 |     | 76         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.048 |           | 10-130 |     | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.994  |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.982 |           | 25-125 |     | 80         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CQ0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-06               | 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 |
| BG063244.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.98   |           | 10-130 |     | 75         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 37.422  |           | 25-130 |     | 94         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 39.669  |           | 15-130 |     | 99         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 37.618  |           | 20-130 |     | 94         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 98891   | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 463771  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 410032  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 989033  | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 985251  | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1059900 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BS             | 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 |
| BG063245.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 10    |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 14    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 29    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 33    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 31    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 31    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 28    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 31    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 30    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 31    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 33    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 31    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 18    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 30    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 27    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 30    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 28    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 30    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 21    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 34    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BS             | 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 |
| BG063245.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 31    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 30    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 27    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 30    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 31    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 31    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 28    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 28    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 30    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 30    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 29    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 34    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 30    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 32    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 31    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 27    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 31    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 32    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 32    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 31    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 34    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 31    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 31    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 33    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS573        | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BS     | 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 |
| BG063245.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 33     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 34     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 32     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 32     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 32     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 34     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 35     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 33     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 32     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 30     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.506  |           | 15-120 |     | 69         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.38  |           | 20-120 |     | 73         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 32.116 |           | 10-130 |     | 80         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.934 |           | 25-120 |     | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.248 |           | 20-130 |     | 86         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 30.442 |           | 25-125 |     | 76         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.182 |           | 20-125 |     | 78         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.814 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.981 |           | 20-120 |     | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.618 |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.5   |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.428 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.674 |           | 10-150 |     | 74         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.177 |           | 25-125 |     | 73         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS573                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164573BS             | 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 |
| BG063245.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164573      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.514  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.569  |           | 25-130 |     | 76         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.074  |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.077  |           | 20-130 |     | 80         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 102833  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 472209  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 424284  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1059376 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1088350 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1135021 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS682      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164682BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063246.D        | 1         | 11/5/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164682      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 380   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  |           | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 960   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1000  |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |           | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 1000  |           | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1000  |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 990   |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 990   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1100  |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 750   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1100  |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 820   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 920   |           | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1000  |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1100  |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 810   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1200  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1200  |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS682      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164682BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063246.D        | 1         | 11/5/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164682      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1200  |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1200  |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1100  |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1100  |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200  |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1100  |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1000  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 970   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1200  |           | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1200  |           | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1200  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1200  |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 670   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1000  |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1200  |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1100  |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1300  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1200  |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1200  |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS682      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164682BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063246.D        | 1         | 11/5/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164682      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1200   |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1300   |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1200   |           | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1200   |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1200   |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1300   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1300   |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1200   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1200   |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1200   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1100   |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.122  |           | 15-120 |      | 77         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.387 |           | 20-120 |      | 73         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 32.122 |           | 10-130 |      | 80         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.228 |           | 10-150 |      | 81         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.148 |           | 15-120 |      | 85         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.319 |           | 10-140 |      | 78         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.322 |           | 10-135 |      | 86         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.086 |           | 10-120 |      | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.023 |           | 10-140 |      | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.625 |           | 1-145  |      | 74         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.565 |           | 10-145 |      | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.88  |           | 15-120 |      | 85         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 31.547 |           | 10-150 |      | 79         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.515 |           | 20-140 |      | 81         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | SLCS682      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164682BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063246.D        | 1         | 11/5/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164682      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.414  |           | 10-130 |     | 84         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.931  |           | 10-150 |     | 82         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.642  |           | 10-130 |     | 89         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.683  |           | 10-140 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 116311  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 534617  | 10.622    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 452349  | 14.477    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1104500 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1116345 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1149346 | 24.518    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SLCS721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063247.D        | 1         | 11/6/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164721      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 360   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 100   | J         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 840   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 890   |           | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 830   |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 920   |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 870   |           | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 850   |           | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 780   |           | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 850   |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 780   |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 850   |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 820   |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 760   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 890   |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 810   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 820   |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 930   |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 860   |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 420   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 860   |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 700   |           | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 860   |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 790   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 850   |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 620   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 950   |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 940   |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SLCS721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063247.D        | 1         | 11/6/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164721      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 880   |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 880   |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 830   |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 740   |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 840   |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 860   |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 880   |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 870   |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 770   |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 760   |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 830   |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 780   |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 750   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 830   |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 820   |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 950   |           | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 810   |           | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 880   |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 900   |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 910   |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 870   |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 760   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 850   |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 870   |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 900   |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 870   |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 980   |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 860   |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 850   |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 930   |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SLCS721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063247.D        | 1         | 11/6/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164721      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 900    |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 960    |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 900    |           | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 880    |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 890    |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 940    |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 970    |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 870    |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 890    |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 890    |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 870    |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 870    |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 880    |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 880    |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.5    |           | 15-120 |      | 69         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 25.668 |           | 20-120 |      | 64         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.467 |           | 10-130 |      | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.92  |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.003 |           | 15-120 |      | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.376 |           | 10-140 |      | 66         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.227 |           | 10-135 |      | 63         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.809 |           | 10-120 |      | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.011 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.328 |           | 1-145  |      | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.665 |           | 10-145 |      | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.039 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.895 |           | 10-150 |      | 62         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.321 |           | 20-140 |      | 63         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/6/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/6/2024 12:00:00 AM |
| Client Sample ID:  | SLCS721      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164721BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063247.D        | 1         | 11/6/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164721      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.166  |           | 10-130 |     | 60         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.684  |           | 10-150 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.464  |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.434  |           | 10-140 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 100199  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 461520  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 402969  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1013018 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1029961 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1079022 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BL             | 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 |
| BG063249.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BL             | 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 |
| BG063249.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK571        | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BL     | 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 |
| BG063249.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.292  |           | 15-120 |     | 79         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 31.156 |           | 20-120 |     | 78         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 30.139 |           | 10-130 |     | 75         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.605 |           | 25-120 |     | 77         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.885 |           | 20-130 |     | 82         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.651 |           | 25-125 |     | 74         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.077 |           | 20-125 |     | 78         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.413 |           | 20-130 |     | 79         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.613 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 30.258 |           | 1-146  |     | 76         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.667 |           | 25-130 |     | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.163 |           | 10-130 |     | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.188 |           | 10-150 |     | 65         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.251 |           | 25-125 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SBLK571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BL             | 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 |
| BG063249.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.005  |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.791  |           | 25-130 |     | 82         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.724  |           | 15-130 |     | 87         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.608  |           | 20-130 |     | 84         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 108482  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 512547  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 459095  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1137073 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1157496 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1240308 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE7     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.2                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063250.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 32    | U         | 32  | 7.8 | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 97  | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 91    | U         | 91  | 190 | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 41    | J         | 35  | 97  | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 97  | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50  | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 97  | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 97  | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 78    | U         | 78  | 97  | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 270   | J         | 62  | 97  | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 93    | U         | 93  | 50  | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 72    | U         | 72  | 50  | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 75    | U         | 75  | 50  | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 78    | U         | 78  | 50  | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 71    | U         | 71  | 50  | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 50  | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 53    | U         | 53  | 50  | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 45    | U         | 45  | 50  | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 50  | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 42    | U         | 42  | 50  | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 50  | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 97  | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 50  | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 50  | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 38    | U         | 38  | 50  | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 97  | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 50  | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 50  | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE7                 | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-01              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 15.2                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      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 |
| BG063250.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 50  | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 39    | U         | 39  | 50  | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 53    | U         | 53  | 50  | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 50  | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 50  | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 50  | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 78    | U         | 78  | 97  | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 50  | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 97  | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 97  | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 50  | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 50  | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 50  | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 50  | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 50  | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 97  | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 97  | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 50  | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 50  | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 50  | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 50  | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 97  | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 97  | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 130   | J         | 32  | 50  | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 50  | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 50  | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 50  | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 97  | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 32    | U         | 32  | 50  | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 210   |           | 22  | 97  | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE7     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 15.2                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063250.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 170    | J         | 21     | 50  | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26     | U         | 26     | 50  | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61     | U         | 61     | 97  | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 85     | J         | 27     | 50  | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 98     | J         | 28     | 50  | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     | U         | 29     | 50  | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 56     | U         | 56     | 97  | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 99     | J         | 43     | 50  | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | J         | 45     | 50  | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 70     | J         | 36     | 50  | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 41     | J         | 33     | 50  | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31     | U         | 31     | 50  | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 53     | J         | 38     | 50  | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 50  | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.968  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 25.012 |           | 20-120 |     | 63         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.48  |           | 10-130 |     | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.503 |           | 10-150 |     | 69         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.496 |           | 15-120 |     | 76         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 30.365 |           | 10-140 |     | 76         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.707 |           | 10-135 |     | 77         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.183 |           | 10-120 |     | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.482 |           | 10-140 |     | 79         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.554 |           | 1-145  |     | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.059 |           | 10-145 |     | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.946 |           | 15-120 |     | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.339 |           | 10-150 |     | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.935 |           | 20-140 |     | 77         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE7              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-01           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 15.2                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063250.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 25.443  |           | 10-130 |     | 64         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.053  |           | 10-150 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.902  |           | 10-130 |     | 87         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.215  |           | 10-140 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 109962  | 7.834     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 526615  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 461389  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1091293 | 17.223    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1072664 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1179745 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 310     | J         |        |     | 15.831     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 290     | J         |        |     | 18.128     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.142  | J         |        |     | 21.142     |          |
| E966796                               | Total Alkanes                 | 96      |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-02     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063251.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 31    | U         | 31  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 68    | U         | 68  | 96.2 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 90    | U         | 90  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 35    | U         | 35  | 96.2 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 96.2 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 49.5 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 36    | U         | 36  | 96.2 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 47    | U         | 47  | 96.2 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 77    | U         | 77  | 96.2 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 62    | U         | 62  | 96.2 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 92    | U         | 92  | 49.5 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 71    | U         | 71  | 49.5 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 75    | U         | 75  | 49.5 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 77    | U         | 77  | 49.5 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 70    | U         | 70  | 49.5 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 37    | U         | 37  | 49.5 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 44    | U         | 44  | 49.5 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 42    | U         | 42  | 49.5 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 41    | U         | 41  | 49.5 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 75    | U         | 75  | 96.2 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 48    | U         | 48  | 49.5 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 37    | U         | 37  | 49.5 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 96.2 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 38    | U         | 38  | 49.5 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-02     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063251.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 38    | U         | 38  | 49.5 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 52    | U         | 52  | 49.5 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 35    | U         | 35  | 49.5 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 23    | U         | 23  | 49.5 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 49.5 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 77    | U         | 77  | 96.2 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 96.2 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 51    | U         | 51  | 96.2 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    | U         | 41  | 49.5 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 38    | U         | 38  | 49.5 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 23    | U         | 23  | 49.5 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 28    | U         | 28  | 96.2 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 44    | U         | 44  | 96.2 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    | U         | 28  | 49.5 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 49.5 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 30    | U         | 30  | 49.5 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 49.5 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 96.2 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 96.2 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 43    | J         | 31  | 49.5 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 43    | U         | 43  | 49.5 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 29    | U         | 29  | 49.5 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 49.5 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 96.2 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 31    | U         | 31  | 49.5 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 100   | J         | 22  | 96.2 | 200        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-02     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063251.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 85     | J         | 21     | 49.5 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26     | U         | 26     | 49.5 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 61     | U         | 61     | 96.2 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 49     | J         | 27     | 49.5 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 53     | J         | 28     | 49.5 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 29     | U         | 29     | 49.5 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 56     | U         | 56     | 96.2 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 64     | J         | 43     | 49.5 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 44     | U         | 44     | 49.5 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 49     | J         | 36     | 49.5 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 49.5 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 30     | U         | 30     | 49.5 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 37     | U         | 37     | 49.5 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 42     | U         | 42     | 49.5 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.552  |           | 15-120 |      | 44         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 18.934 |           | 20-120 |      | 47         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.388 |           | 10-130 |      | 58         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.234 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.691 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.219 |           | 10-140 |      | 58         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.187 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.932 |           | 10-120 |      | 60         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.476 |           | 10-140 |      | 61         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.38  |           | 1-145  |      | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.524 |           | 10-145 |      | 54         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.94  |           | 15-120 |      | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.226 |           | 10-150 |      | 48         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.41  |           | 20-140 |      | 61         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-02     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063251.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18.619  |           | 10-130 |     | 47         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.421  |           | 10-150 |     | 61         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.099  |           | 10-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 25.799  |           | 10-140 |     | 64         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 119308  | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 557010  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 468918  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1106090 | 17.221    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1085682 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1160576 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 340     | J         |        |     | 15.829     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 170     | J         |        |     | 18.126     |          |
| E966796                               | Total Alkanes                 | 30      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8MS    | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-03MS | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30.07      | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                    |
|                    |            | Test:           | uL                     |
| Extraction Type :  |            | Decanted :      | Level :                |
|                    |            |                 | LOW                    |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :          |
|                    |            |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063252.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 360   |           | 31  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | J         | 67  | 95.9 | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 1000  |           | 90  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 1200  |           | 35  | 95.9 | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 34  | 95.9 | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1200  |           | 33  | 49.4 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1200  |           | 36  | 95.9 | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1200  |           | 47  | 95.9 | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 1100  |           | 77  | 95.9 | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1100  |           | 62  | 95.9 | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1100  |           | 92  | 49.4 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1300  |           | 71  | 49.4 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 74  | 49.4 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 1000  |           | 77  | 49.4 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1200  |           | 70  | 49.4 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1000  |           | 37  | 49.4 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1200  |           | 52  | 49.4 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1300  |           | 44  | 49.4 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1200  |           | 28  | 49.4 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 590   |           | 42  | 49.4 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1200  |           | 41  | 49.4 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 960   |           | 74  | 95.9 | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |           | 48  | 49.4 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1100  |           | 28  | 49.4 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 37  | 49.4 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 720   |           | 110 | 95.9 | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1400  |           | 28  | 49.4 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1300  |           | 38  | 49.4 | 200        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/25/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/25/2024 12:00:00 AM      |
| Client Sample ID:  | A4EE8MS                | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4582-03MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 14.2                        |
| Sample Wt/Vol:     | 30.07      Units:    g | Final Vol:      | 500                      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 |
| BG063252.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1300  |           | 30  | 49.4 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1300  |           | 38  | 49.4 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1200  |           | 52  | 49.4 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 35  | 49.4 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1200  |           | 23  | 49.4 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1200  |           | 34  | 49.4 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 77  | 95.9 | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1200  |           | 30  | 49.4 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1000  |           | 150 | 95.9 | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1000  |           | 51  | 95.9 | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1200  |           | 31  | 49.4 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 41  | 49.4 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000  |           | 38  | 49.4 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 1200  |           | 31  | 49.4 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1100  |           | 23  | 49.4 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1300  |           | 28  | 95.9 | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1200  |           | 44  | 95.9 | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1300  |           | 28  | 49.4 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  |           | 40  | 49.4 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1300  |           | 30  | 49.4 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1300  |           | 33  | 49.4 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1100  |           | 33  | 95.9 | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1300  |           | 100 | 95.9 | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  |           | 31  | 49.4 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1400  |           | 43  | 49.4 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 29  | 49.4 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1500  |           | 20  | 49.4 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 1200  |           | 40  | 95.9 | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1200  |           | 31  | 49.4 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1400  |           | 22  | 95.9 | 200        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8MS        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-03MS     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30.07 Units: g | Final Vol:      | 500 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 |
| BG063252.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1400   |           | 21     | 49.4 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1400   |           | 26     | 49.4 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 960    |           | 60     | 95.9 | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1300   |           | 27     | 49.4 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 28     | 49.4 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1400   |           | 29     | 49.4 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1400   |           | 56     | 95.9 | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1300   |           | 43     | 49.4 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1300   |           | 44     | 49.4 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1300   |           | 36     | 49.4 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1300   |           | 33     | 49.4 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300   |           | 30     | 49.4 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 37     | 49.4 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200   |           | 42     | 49.4 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.174  |           | 15-120 |      | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 20.316 |           | 20-120 |      | 51         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.63  |           | 10-130 |      | 64         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.336 |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.744 |           | 15-120 |      | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.4   |           | 10-140 |      | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.348 |           | 10-135 |      | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.093 |           | 10-120 |      | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.015 |           | 10-140 |      | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.424 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.033 |           | 10-145 |      | 58         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.486 |           | 15-120 |      | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.336 |           | 10-150 |      | 61         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.531 |           | 20-140 |      | 64         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8MS             | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-03MS          | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30.07      Units: g | Final Vol:      | 500      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 |
| BG063252.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.36   |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.316  |           | 10-150 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.365  |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.825  |           | 10-140 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 125796  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 573962  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 478942  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1113270 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1097671 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1174045 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 30      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                                         |
|--------------------|------------------------|-----------------|-----------------------------------------|
| Client:            |                        | Date Collected: | 10/25/2024 12:00:00 AM                  |
| Project:           |                        | Date Received:  | 10/25/2024 12:00:00 AM                  |
| Client Sample ID:  | A4EE8MSD               | SDG No.:        | BG110824                                |
| Lab Sample ID:     | P4582-04MSD            | Matrix:         | Solid                                   |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 14.2                                    |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      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 |
| BG063253.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 440   |           | 31  | 7.7  | 78         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 230   | J         | 67  | 96   | 380        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 90  | 190  | 380        | ug/Kg |
| 108-95-2       | Phenol                      | 1300  |           | 35  | 96   | 380        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1300  |           | 34  | 96   | 380        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1400  |           | 33  | 49.5 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1300  |           | 36  | 96   | 380        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1400  |           | 47  | 96   | 380        | ug/Kg |
| 98-86-2        | Acetophenone                | 1200  |           | 77  | 96   | 380        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1300  |           | 62  | 96   | 380        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1200  |           | 92  | 49.5 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1400  |           | 71  | 49.5 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1400  |           | 74  | 49.5 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 77  | 49.5 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 70  | 49.5 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1200  |           | 37  | 49.5 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1300  |           | 52  | 49.5 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1400  |           | 44  | 49.5 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1400  |           | 28  | 49.5 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 660   |           | 42  | 49.5 | 380        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1400  |           | 41  | 49.5 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  |           | 74  | 96   | 380        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1300  |           | 48  | 49.5 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1300  |           | 28  | 49.5 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1300  |           | 37  | 49.5 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 790   |           | 110 | 96   | 380        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1500  |           | 28  | 49.5 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1500  |           | 38  | 49.5 | 200        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/25/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/25/2024 12:00:00 AM      |
| Client Sample ID:  | A4EE8MSD               | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4582-04MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 14.2                        |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      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 |
| BG063253.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1400  |           | 30  | 49.5 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1400  |           | 38  | 49.5 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1400  |           | 52  | 49.5 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1200  |           | 35  | 49.5 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  |           | 23  | 49.5 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1400  |           | 34  | 49.5 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1300  |           | 77  | 96   | 380        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1400  |           | 30  | 49.5 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 150 | 96   | 380        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1200  |           | 51  | 96   | 380        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1300  |           | 31  | 49.5 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1200  |           | 41  | 49.5 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1100  |           | 38  | 49.5 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 31  | 49.5 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1300  |           | 23  | 49.5 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1400  |           | 28  | 96   | 380        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1300  |           | 44  | 96   | 380        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1500  |           | 28  | 49.5 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1500  |           | 40  | 49.5 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1500  |           | 30  | 49.5 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1500  |           | 33  | 49.5 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1300  |           | 33  | 96   | 380        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400  |           | 100 | 96   | 380        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1500  |           | 31  | 49.5 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1600  |           | 43  | 49.5 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 1400  |           | 29  | 49.5 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1700  |           | 20  | 49.5 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 1400  |           | 40  | 96   | 380        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1400  |           | 31  | 49.5 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1600  |           | 22  | 96   | 200        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8MSD       | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-04MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30.05 Units: g | Final Vol:      | 500 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 |
| BG063253.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1600   |           | 21     | 49.5 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1600   |           | 26     | 49.5 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 61     | 96   | 380        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1500   |           | 27     | 49.5 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1500   |           | 28     | 49.5 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1600   |           | 29     | 49.5 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1600   |           | 56     | 96   | 380        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1500   |           | 43     | 49.5 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1500   |           | 44     | 49.5 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1500   |           | 36     | 49.5 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1500   |           | 33     | 49.5 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400   |           | 30     | 49.5 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1500   |           | 37     | 49.5 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1400   |           | 42     | 49.5 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.505  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.76  |           | 20-120 |      | 57         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.977 |           | 10-130 |      | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.212 |           | 10-150 |      | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.217 |           | 15-120 |      | 78         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.675 |           | 10-140 |      | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.014 |           | 10-135 |      | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.16  |           | 10-120 |      | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.272 |           | 10-140 |      | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.159 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.807 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.4   |           | 15-120 |      | 74         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.948 |           | 10-150 |      | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.285 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EE8MSD       | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-04MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 14.2                   |
| Sample Wt/Vol:     | 30.05 Units: g | Final Vol:      | 500 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 |
| BG063253.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.381  |           | 10-130 |     | 68         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.371  |           | 10-150 |     | 76         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.89   |           | 10-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.698  |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 119269  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 543320  | 10.621    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 456471  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1033680 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1021559 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1081428 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 30      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EF0     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-05  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 18.6                   |
| Sample Wt/Vol:     | 30        | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           | uL                     |
| Extraction Type :  |           | Decanted :      | Level :                |
|                    |           |                 | LOW                    |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :          |
|                    |           |                 | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063254.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 33    | U         | 33  | 8.1  | 82         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 71    | U         | 71  | 100  | 410        | ug/Kg |
| 110-86-1       | Pyridine                    | 95    | U         | 95  | 200  | 410        | ug/Kg |
| 108-95-2       | Phenol                      | 37    | U         | 37  | 100  | 410        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 36    | U         | 36  | 100  | 410        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 52.2 | 210        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 38    | U         | 38  | 100  | 410        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 49    | U         | 49  | 100  | 410        | ug/Kg |
| 98-86-2        | Acetophenone                | 230   | J         | 81  | 100  | 410        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 65    | U         | 65  | 100  | 410        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 97    | U         | 97  | 52.2 | 210        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 75    | U         | 75  | 52.2 | 210        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 79    | U         | 79  | 52.2 | 210        | ug/Kg |
| 78-59-1        | Isophorone                  | 81    | U         | 81  | 52.2 | 210        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 74    | U         | 74  | 52.2 | 210        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 39    | U         | 39  | 52.2 | 210        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 55    | U         | 55  | 52.2 | 210        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 47    | U         | 47  | 52.2 | 210        | ug/Kg |
| 91-20-3        | Naphthalene                 | 29    | U         | 29  | 52.2 | 210        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 44    | U         | 44  | 52.2 | 410        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 43    | U         | 43  | 52.2 | 210        | ug/Kg |
| 105-60-2       | Caprolactam                 | 79    | U         | 79  | 100  | 410        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 50    | U         | 50  | 52.2 | 210        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 29    | U         | 29  | 52.2 | 210        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 39    | U         | 39  | 52.2 | 210        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 100  | 410        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 29    | U         | 29  | 52.2 | 210        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 41    | U         | 41  | 52.2 | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EF0        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063254.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 32    | U         | 32  | 52.2 | 210        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 41    | U         | 41  | 52.2 | 210        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 55    | U         | 55  | 52.2 | 210        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 37    | U         | 37  | 52.2 | 210        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 52.2 | 210        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 36    | U         | 36  | 52.2 | 210        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 81    | U         | 81  | 100  | 410        | ug/Kg |
| 83-32-9    | Acenaphthene               | 32    | U         | 32  | 52.2 | 210        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 100  | 410        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 54    | U         | 54  | 100  | 410        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 33    | U         | 33  | 52.2 | 210        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    | U         | 43  | 52.2 | 210        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 41    | U         | 41  | 52.2 | 210        | ug/Kg |
| 86-73-7    | Fluorene                   | 33    | U         | 33  | 52.2 | 210        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    | U         | 25  | 52.2 | 210        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 29    | U         | 29  | 100  | 410        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    | U         | 47  | 100  | 410        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 29    | U         | 29  | 52.2 | 210        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 42    | U         | 42  | 52.2 | 210        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    | U         | 32  | 52.2 | 210        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 34    | U         | 34  | 52.2 | 210        | ug/Kg |
| 1912-24-9  | Atrazine                   | 34    | U         | 34  | 100  | 410        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 100  | 410        | ug/Kg |
| 85-01-8    | Phenanthrene               | 86    | J         | 33  | 52.2 | 210        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 45    | U         | 45  | 52.2 | 210        | ug/Kg |
| 120-12-7   | Anthracene                 | 31    | U         | 31  | 52.2 | 210        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 21    | U         | 21  | 52.2 | 210        | ug/Kg |
| 86-74-8    | Carbazole                  | 42    | U         | 42  | 100  | 410        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 33    | U         | 33  | 52.2 | 210        | ug/Kg |
| 206-44-0   | Fluoranthene               | 200   | J         | 23  | 100  | 210        | ug/Kg |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EF0        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063254.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 110   | J         | 22     | 52.2 | 210        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 27    | U         | 27     | 52.2 | 210        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 64    | U         | 64     | 100  | 410        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 91    | J         | 28     | 52.2 | 210        | ug/Kg    |
| 218-01-9          | Chrysene                    | 100   | J         | 29     | 52.2 | 210        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 53    | J         | 31     | 52.2 | 210        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 59    | U         | 59     | 100  | 410        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 110   | J         | 45     | 52.2 | 210        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 48    | J         | 47     | 52.2 | 210        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 38    | U         | 38     | 52.2 | 210        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 34    | U         | 34     | 52.2 | 210        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 32    | U         | 32     | 52.2 | 210        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 39    | U         | 39     | 52.2 | 210        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44    | U         | 44     | 52.2 | 210        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.313 |           | 15-120 |      | 16         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.835 | *         | 20-120 |      | 7          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.205 |           | 10-130 |      | 18         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 7.346 |           | 10-150 |      | 18         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 8.037 |           | 15-120 |      | 20         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 6.522 |           | 10-140 |      | 16         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 8.415 |           | 10-135 |      | 21         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 7.65  |           | 10-120 |      | 19         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 8.088 |           | 10-140 |      | 20         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 1.065 |           | 1-145  |      | 3          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 7.639 |           | 10-145 |      | 19         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 8.348 |           | 15-120 |      | 21         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.423 |           | 10-150 |      | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 8.432 |           | 20-140 |      | 21         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                        |
|--------------------|--------------|-----------------|------------------------|
| Client:            |              | Date Collected: | 10/25/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 10/25/2024 12:00:00 AM |
| Client Sample ID:  | A4EF0        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-05     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 18.6                   |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063254.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 3.453   | *         | 10-130 |     | 9          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 8.511   |           | 10-150 |     | 21         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 7.16    |           | 10-130 |     | 18         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 4.596   |           | 10-140 |     | 11         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 129899  | 7.831     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 587315  | 10.621    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 484382  | 14.47     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1107108 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1090696 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1163020 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 220     | J         |        |     | 15.833     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 90      | J         |        |     | 18.125     |          |
| E966796                               | Total Alkanes                 | 32      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | A4EC0                 | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-09              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17.3                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500              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 |
| BG063255.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 33    | U         | 33  | 8    | 80         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 70    | U         | 70  | 99.4 | 400        | ug/Kg |
| 110-86-1       | Pyridine                    | 93    | U         | 93  | 200  | 400        | ug/Kg |
| 108-95-2       | Phenol                      | 46    | J         | 36  | 99.4 | 400        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 35    | U         | 35  | 99.4 | 400        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 34    | U         | 34  | 51.2 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 37    | U         | 37  | 99.4 | 400        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48    | U         | 48  | 99.4 | 400        | ug/Kg |
| 98-86-2        | Acetophenone                | 220   | J         | 80  | 99.4 | 400        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 64    | U         | 64  | 99.4 | 400        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 95    | U         | 95  | 51.2 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 74    | U         | 74  | 51.2 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 77    | U         | 77  | 51.2 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 80    | U         | 80  | 51.2 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 72    | U         | 72  | 51.2 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 39    | U         | 39  | 51.2 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 54    | U         | 54  | 51.2 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 46    | U         | 46  | 51.2 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 29    | U         | 29  | 51.2 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 51.2 | 400        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 42    | U         | 42  | 51.2 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 77    | U         | 77  | 99.4 | 400        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 49    | U         | 49  | 51.2 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 29    | U         | 29  | 51.2 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 39    | U         | 39  | 51.2 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 99.4 | 400        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 29    | U         | 29  | 51.2 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 40    | U         | 40  | 51.2 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | A4EC0                 | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-09              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 17.3                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      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 |
| BG063255.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 51.2 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 40    | U         | 40  | 51.2 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 54    | U         | 54  | 51.2 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 36    | U         | 36  | 51.2 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 51.2 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 35    | U         | 35  | 51.2 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 80    | U         | 80  | 99.4 | 400        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 51.2 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 160   | U         | 160 | 99.4 | 400        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 53    | U         | 53  | 99.4 | 400        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 33    | U         | 33  | 51.2 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 42    | U         | 42  | 51.2 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 40    | U         | 40  | 51.2 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 33    | U         | 33  | 51.2 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 51.2 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 29    | U         | 29  | 99.4 | 400        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    | U         | 46  | 99.4 | 400        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 29    | U         | 29  | 51.2 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 41    | U         | 41  | 51.2 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 51.2 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 34    | U         | 34  | 51.2 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 34    | U         | 34  | 99.4 | 400        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 99.4 | 400        | ug/Kg |
| 85-01-8    | Phenanthrene               | 93    | J         | 33  | 51.2 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 45    | U         | 45  | 51.2 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 30    | U         | 30  | 51.2 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 51.2 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 41    | U         | 41  | 99.4 | 400        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 33    | U         | 33  | 51.2 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 380   |           | 23  | 99.4 | 200        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | A4EC0     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-09  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 17.3                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           |                        |
| Extraction Type :  |           | Decanted :      | Level :                |
| Injection Volume : |           | GPC Factor :    | LOW                    |
|                    |           | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063255.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc. | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|-------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 200   |           | 22     | 51.2 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 27    | U         | 27     | 51.2 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 63    | U         | 63     | 99.4 | 400        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 190   | J         | 28     | 51.2 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 180   | J         | 29     | 51.2 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 30    | U         | 30     | 51.2 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 58    | U         | 58     | 99.4 | 400        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 210   |           | 45     | 51.2 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 95    | J         | 46     | 51.2 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 57    | J         | 37     | 51.2 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 50    | J         | 34     | 51.2 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31    | U         | 31     | 51.2 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 39    | U         | 39     | 51.2 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43    | U         | 43     | 51.2 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |       |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 1.06  | *         | 15-120 |      | 13         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.01  | *         | 20-120 |      | 5          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.447 |           | 10-130 |      | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 6.898 |           | 10-150 |      | 17         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 7.318 |           | 15-120 |      | 18         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 4.76  |           | 10-140 |      | 12         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 7.986 |           | 10-135 |      | 20         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 7.154 |           | 10-120 |      | 18         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 6.895 |           | 10-140 |      | 17         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 1.603 |           | 1-145  |      | 4          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 6.692 |           | 10-145 |      | 17         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 7.274 |           | 15-120 |      | 18         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.377 |           | 10-150 |      | 13         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 7.385 | *         | 20-140 |      | 18         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | A4EC0              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4582-09           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 17.3                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063255.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 2.651   | *         | 10-130 |     | 7          | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 7.758   |           | 10-150 |     | 19         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 6.779   |           | 10-130 |     | 17         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 4.139   |           | 10-140 |     | 10         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 119528  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 558277  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 477094  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1063322 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1043919 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1116789 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 170     | J         |        |     | 15.832     |          |
| E966796                               | Total Alkanes                 | 31      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-01   | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1       | Units:          | g                      |
| Soil Aliquot Vol:  |            | Final Vol:      | 500                    |
|                    |            |                 | 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 |
| BG063256.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 30    | U         | 30  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 65    | U         | 65  | 92.5 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 86    | U         | 86  | 180  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 34    | U         | 34  | 92.5 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 33    | U         | 33  | 92.5 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 31    | U         | 31  | 47.6 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 35    | U         | 35  | 92.5 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 45    | U         | 45  | 92.5 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 59    | U         | 59  | 92.5 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 89    | U         | 89  | 47.6 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 68    | U         | 68  | 47.6 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 72    | U         | 72  | 47.6 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 74    | U         | 74  | 47.6 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 67    | U         | 67  | 47.6 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 50    | U         | 50  | 47.6 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 43    | U         | 43  | 47.6 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 40    | U         | 40  | 47.6 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 39    | U         | 39  | 47.6 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 72    | U         | 72  | 92.5 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 46    | U         | 46  | 47.6 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 36    | U         | 36  | 47.6 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 110   | U         | 110 | 92.5 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 37    | U         | 37  | 47.6 | 190        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                        |
|--------------------|-----------------------|-----------------|------------------------|
| Client:            |                       | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69                 | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-01              | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      Units:    g | Final Vol:      | 500      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 |
| BG063256.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 50    | U         | 50  | 47.6 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 34    | U         | 34  | 47.6 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 22    | U         | 22  | 47.6 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 33    | U         | 33  | 47.6 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 74    | U         | 74  | 92.5 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 92.5 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 49    | U         | 49  | 92.5 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    | U         | 39  | 47.6 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 37    | U         | 37  | 47.6 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 22    | U         | 22  | 47.6 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 27    | U         | 27  | 92.5 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 43    | U         | 43  | 92.5 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    | U         | 27  | 47.6 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 38    | U         | 38  | 47.6 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    | U         | 29  | 47.6 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 31    | U         | 31  | 47.6 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 31    | U         | 31  | 92.5 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 99    | U         | 99  | 92.5 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 41    | U         | 41  | 47.6 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 28    | U         | 28  | 47.6 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 19    | U         | 19  | 47.6 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 38    | U         | 38  | 92.5 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 30    | U         | 30  | 47.6 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 21    | U         | 21  | 92.5 | 190        | ug/Kg |

## Report of Analysis

|                    |           |                 |                        |
|--------------------|-----------|-----------------|------------------------|
| Client:            |           | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69     | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-01  | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      | Units:          | g                      |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                    |
|                    |           | Test:           |                        |
| Extraction Type :  |           | Level :         | LOW                    |
| Decanted :         |           |                 |                        |
| Injection Volume : |           | GPC Factor :    |                        |
|                    |           | GPC Cleanup :   | PH :                   |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063256.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 20     | U         | 20     | 47.6 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 25     | U         | 25     | 47.6 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 58     | U         | 58     | 92.5 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 26     | U         | 26     | 47.6 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 27     | U         | 27     | 47.6 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 28     | U         | 28     | 47.6 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 54     | U         | 54     | 92.5 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 41     | U         | 41     | 47.6 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 43     | U         | 43     | 47.6 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 35     | U         | 35     | 47.6 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 31     | U         | 31     | 47.6 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     | U         | 29     | 47.6 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     | U         | 36     | 47.6 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 40     | U         | 40     | 47.6 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.629  |           | 15-120 |      | 45         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.184 |           | 20-120 |      | 35         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.825 |           | 10-130 |      | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.239 |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.582 |           | 15-120 |      | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.911 |           | 10-140 |      | 60         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.982 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.095 |           | 10-120 |      | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.655 |           | 10-140 |      | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.442 |           | 1-145  |      | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.159 |           | 10-145 |      | 58         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.19  |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 21.213 |           | 10-150 |      | 53         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.514 |           | 20-140 |      | 64         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                        |
|--------------------|--------------------|-----------------|------------------------|
| Client:            |                    | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69              | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-01           | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.1      Units: g | Final Vol:      | 500      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 |
| BG063256.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 12.666  |           | 10-130 |     | 32         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.068  |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.332  |           | 10-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.405  |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 129445  | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 589961  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 506420  | 14.471    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1174174 | 17.227    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1154830 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1239879 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 210     | J         |        |     | 15.834     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 160     | J         |        |     | 18.126     |          |
| E966796                               | Total Alkanes                 | 29      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MS        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-02MS     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.02 Units: g | Final Vol:      | 500 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 |
| BG063257.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 340   |           | 30  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 200   | J         | 65  | 92.7 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 1000  |           | 87  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 1200  |           | 34  | 92.7 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 33  | 92.7 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1300  |           | 31  | 47.8 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1200  |           | 35  | 92.7 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1200  |           | 45  | 92.7 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 1100  |           | 74  | 92.7 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1200  |           | 60  | 92.7 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1100  |           | 89  | 47.8 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1300  |           | 69  | 47.8 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 72  | 47.8 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 74  | 47.8 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1300  |           | 67  | 47.8 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 970   |           | 36  | 47.8 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1200  |           | 51  | 47.8 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1300  |           | 43  | 47.8 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1300  |           | 27  | 47.8 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 680   |           | 40  | 47.8 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1300  |           | 39  | 47.8 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  |           | 72  | 92.7 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 46  | 47.8 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1200  |           | 27  | 47.8 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 36  | 47.8 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 610   |           | 110 | 92.7 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  |           | 27  | 47.8 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1400  |           | 37  | 47.8 | 190        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MS        | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-02MS     | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.02 Units: g | Final Vol:      | 500 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 |
| BG063257.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1300  |           | 29  | 47.8 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1300  |           | 37  | 47.8 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1200  |           | 51  | 47.8 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1100  |           | 34  | 47.8 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1200  |           | 22  | 47.8 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1300  |           | 33  | 47.8 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 74  | 92.7 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1300  |           | 29  | 47.8 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 830   |           | 150 | 92.7 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1000  |           | 49  | 92.7 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1200  |           | 30  | 47.8 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1100  |           | 39  | 47.8 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000  |           | 37  | 47.8 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 1200  |           | 30  | 47.8 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1200  |           | 22  | 47.8 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1300  |           | 27  | 92.7 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1000  |           | 43  | 92.7 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1400  |           | 27  | 47.8 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  |           | 38  | 47.8 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1400  |           | 29  | 47.8 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1300  |           | 31  | 47.8 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1200  |           | 31  | 92.7 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1300  |           | 99  | 92.7 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  |           | 30  | 47.8 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1500  |           | 42  | 47.8 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 28  | 47.8 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1600  |           | 19  | 47.8 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 1300  |           | 38  | 92.7 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300  |           | 30  | 47.8 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1400  |           | 21  | 92.7 | 190        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM      |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM      |
| Client Sample ID:  | BHK69MS                | SDG No.:        | BG110824                    |
| Lab Sample ID:     | P4669-02MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 11.1                        |
| Sample Wt/Vol:     | 30.02      Units:    g | Final Vol:      | 500                      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 |
| BG063257.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1300   |           | 20     | 47.8 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500   |           | 25     | 47.8 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 58     | 92.7 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1300   |           | 26     | 47.8 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1300   |           | 27     | 47.8 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1500   |           | 28     | 47.8 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1500   |           | 54     | 92.7 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1300   |           | 42     | 47.8 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1300   |           | 43     | 47.8 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1300   |           | 35     | 47.8 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1300   |           | 31     | 47.8 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300   |           | 29     | 47.8 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 36     | 47.8 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200   |           | 40     | 47.8 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.811  |           | 15-120 |      | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 16.646 |           | 20-120 |      | 42         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.191 |           | 10-130 |      | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.711 |           | 10-150 |      | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.634 |           | 15-120 |      | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.138 |           | 10-140 |      | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.504 |           | 10-135 |      | 71         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.811 |           | 10-120 |      | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.538 |           | 10-140 |      | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.899 |           | 1-145  |      | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.431 |           | 10-145 |      | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.63  |           | 15-120 |      | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.892 |           | 10-150 |      | 62         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.577 |           | 20-140 |      | 69         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MS             | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-02MS          | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.02      Units: g | Final Vol:      | 500      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 |
| BG063257.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.189  |           | 10-130 |     | 53         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.108  |           | 10-150 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.338  |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.426  |           | 10-140 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 126311  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 578167  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 509616  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1161852 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1124209 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1180263 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 29      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CG0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-05               | 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 |
| BG063258.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CG0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-05               | 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 |
| BG063258.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CG0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-05               | 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 |
| BG063258.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.829  |           | 15-120 |     | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.367  |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.307  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.053 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.247 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.177 |           | 25-125 |     | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.651 |           | 20-125 |     | 79         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.181 |           | 20-130 |     | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.821 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.114 |           | 1-146  |     | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.254 |           | 25-130 |     | 73         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.395 |           | 10-130 |     | 78         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.275  |           | 10-150 |     | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.203 |           | 25-125 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CG0                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-05               | 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 |
| BG063258.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.228  |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.508  |           | 25-130 |     | 91         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 39.003  |           | 15-130 |     | 98         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 37.635  |           | 20-130 |     | 94         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 125329  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 568343  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 499298  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1138790 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1137323 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1213599 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 2.5     | J         |        |     | 15.832     |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF7                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-07               | 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 |
| BG063259.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF7                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-07               | 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 |
| BG063259.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF7                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-07               | 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 |
| BG063259.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.22   |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.052  | *         | 20-120 |     | 18         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.206  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.497 |           | 25-120 |     | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.307 |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.635 |           | 25-125 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.617 |           | 20-125 |     | 84         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.272 |           | 20-130 |     | 83         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.4   |           | 20-120 |     | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.698 |           | 1-146  |     | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.489 |           | 25-130 |     | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.919 |           | 10-130 |     | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.027  |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.558 |           | 25-125 |     | 81         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF7                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-07               | 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 |
| BG063259.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.744  |           | 10-130 |     | 59         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 37.232  |           | 25-130 |     | 93         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 39.411  |           | 15-130 |     | 99         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 38.76   |           | 20-130 |     | 97         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 131370  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 590639  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 515597  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1183164 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1188136 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1238151 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-08               | 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 |
| BG063260.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                        |
|--------------------|------------|-----------------|------------------------|
| Client:            |            | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF2      | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-08   | 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 |
| BG063260.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-08               | 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 |
| BG063260.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.802  |           | 15-120 |     | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.042  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.431  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.815 |           | 25-120 |     | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.685 |           | 20-130 |     | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.873 |           | 25-125 |     | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.913 |           | 20-125 |     | 62         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.04  |           | 20-130 |     | 63         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.939 |           | 20-120 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.493 |           | 1-146  |     | 46         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.262 |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.886 |           | 10-130 |     | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.342  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.844 |           | 25-125 |     | 72         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/29/2024 12:00:00 AM |
| Client Sample ID:  | C0CF2                  | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4627-08               | 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 |
| BG063260.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.682  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.927  |           | 25-130 |     | 82         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.373  |           | 15-130 |     | 88         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.999  |           | 20-130 |     | 85         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 123813  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 573896  | 10.622    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 505294  | 14.471    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1159946 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1167218 | 21.474    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1227051 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 2.3     | J         |        |     | 15.834     |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MSD       | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-03MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.04 Units: g | Final Vol:      | 500 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 |
| BG063261.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 430   |           | 30  | 7.4  | 75         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 210   | J         | 65  | 92.7 | 370        | ug/Kg |
| 110-86-1       | Pyridine                    | 1200  |           | 86  | 190  | 370        | ug/Kg |
| 108-95-2       | Phenol                      | 1400  |           | 34  | 92.7 | 370        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1300  |           | 33  | 92.7 | 370        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1400  |           | 31  | 47.7 | 190        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1300  |           | 35  | 92.7 | 370        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1300  |           | 45  | 92.7 | 370        | ug/Kg |
| 98-86-2        | Acetophenone                | 1300  |           | 74  | 92.7 | 370        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1300  |           | 60  | 92.7 | 370        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1200  |           | 89  | 47.7 | 190        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1400  |           | 69  | 47.7 | 190        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1300  |           | 72  | 47.7 | 190        | ug/Kg |
| 78-59-1        | Isophorone                  | 1200  |           | 74  | 47.7 | 190        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 67  | 47.7 | 190        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 1100  |           | 36  | 47.7 | 190        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1300  |           | 51  | 47.7 | 190        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1500  |           | 43  | 47.7 | 190        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1400  |           | 27  | 47.7 | 190        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 730   |           | 40  | 47.7 | 370        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1400  |           | 39  | 47.7 | 190        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  |           | 72  | 92.7 | 370        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1300  |           | 46  | 47.7 | 190        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1300  |           | 27  | 47.7 | 190        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1300  |           | 36  | 47.7 | 190        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 690   |           | 110 | 92.7 | 370        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1500  |           | 27  | 47.7 | 190        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1500  |           | 37  | 47.7 | 190        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MSD       | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-03MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.04 Units: g | Final Vol:      | 500 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 |
| BG063261.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1400  |           | 29  | 47.7 | 190        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1400  |           | 37  | 47.7 | 190        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1300  |           | 51  | 47.7 | 190        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1100  |           | 34  | 47.7 | 190        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  |           | 22  | 47.7 | 190        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1400  |           | 33  | 47.7 | 190        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1400  |           | 74  | 92.7 | 370        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1400  |           | 29  | 47.7 | 190        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1000  |           | 150 | 92.7 | 370        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1200  |           | 49  | 92.7 | 370        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1300  |           | 30  | 47.7 | 190        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1200  |           | 39  | 47.7 | 190        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1100  |           | 37  | 47.7 | 190        | ug/Kg |
| 86-73-7    | Fluorene                   | 1300  |           | 30  | 47.7 | 190        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1300  |           | 22  | 47.7 | 190        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1500  |           | 27  | 92.7 | 370        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1200  |           | 43  | 92.7 | 370        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1500  |           | 27  | 47.7 | 190        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1500  |           | 38  | 47.7 | 190        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1500  |           | 29  | 47.7 | 190        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1400  |           | 31  | 47.7 | 190        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1300  |           | 31  | 92.7 | 370        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400  |           | 99  | 92.7 | 370        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1400  |           | 30  | 47.7 | 190        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1600  |           | 42  | 47.7 | 190        | ug/Kg |
| 120-12-7   | Anthracene                 | 1400  |           | 28  | 47.7 | 190        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1700  |           | 19  | 47.7 | 190        | ug/Kg |
| 86-74-8    | Carbazole                  | 1400  |           | 38  | 92.7 | 370        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1400  |           | 30  | 47.7 | 190        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1500  |           | 21  | 92.7 | 190        | ug/Kg |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MSD       | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-03MSD    | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.04 Units: g | Final Vol:      | 500 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 |
| BG063261.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1400   |           | 20     | 47.7 | 190        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1600   |           | 25     | 47.7 | 190        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1300   |           | 58     | 92.7 | 370        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1400   |           | 26     | 47.7 | 190        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1400   |           | 27     | 47.7 | 190        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1600   |           | 28     | 47.7 | 190        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1600   |           | 54     | 92.7 | 370        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1400   |           | 42     | 47.7 | 190        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1400   |           | 43     | 47.7 | 190        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400   |           | 35     | 47.7 | 190        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1400   |           | 31     | 47.7 | 190        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1400   |           | 29     | 47.7 | 190        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1400   |           | 36     | 47.7 | 190        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1400   |           | 40     | 47.7 | 190        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.992  |           | 15-120 |      | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.75  |           | 20-120 |      | 49         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.397 |           | 10-130 |      | 78         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.748 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.294 |           | 15-120 |      | 81         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.355 |           | 10-140 |      | 78         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.554 |           | 10-135 |      | 79         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.32  |           | 10-120 |      | 78         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.961 |           | 10-140 |      | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.851 |           | 1-145  |      | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.006 |           | 10-145 |      | 68         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.516 |           | 15-120 |      | 79         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.407 |           | 10-150 |      | 71         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.301 |           | 20-140 |      | 76         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                        |
|--------------------|---------------------|-----------------|------------------------|
| Client:            |                     | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | BHK69MSD            | SDG No.:        | BG110824               |
| Lab Sample ID:     | P4669-03MSD         | Matrix:         | Solid                  |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 11.1                   |
| Sample Wt/Vol:     | 30.04      Units: g | Final Vol:      | 500      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 |
| BG063261.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 25.556  |           | 10-130 |     | 64         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.808  |           | 10-150 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 33.865  |           | 10-130 |     | 85         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.168  |           | 10-140 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 120346  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 559819  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 481931  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1104242 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1111593 | 21.479    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1159947 | 24.516    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 29      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BS             | 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 |
| BG063262.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.7   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 27    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 22    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 29    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 27    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 30    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 31    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 20    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 29    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 33    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 30    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 21    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 30    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 24    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 28    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 29    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 16    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 31    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 32    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BS             | 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 |
| BG063262.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 31    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 29    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 31    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 31    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 22    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 25    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 30    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 29    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 28    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 32    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 34    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 31    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 33    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 33    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 13    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 27    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 32    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 35    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 31    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 37    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 32    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 32    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 33    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                        |
|--------------------|----------------|-----------------|------------------------|
| Client:            |                | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS571        | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BS     | 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 |
| BG063262.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 32     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 36     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 32     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 32     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 35     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 36     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 31     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 31     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 32     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 26     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.025  |           | 15-120 |     | 63         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.277 |           | 20-120 |     | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.547 |           | 10-130 |     | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.092 |           | 25-120 |     | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.465 |           | 20-130 |     | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.417 |           | 25-125 |     | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.276 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.485 |           | 20-130 |     | 76         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.243 |           | 20-120 |     | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.504 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.637 |           | 25-130 |     | 67         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.796 |           | 10-130 |     | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.326 |           | 10-150 |     | 71         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.543 |           | 25-125 |     | 74         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                        |
|--------------------|------------------------|-----------------|------------------------|
| Client:            |                        | Date Collected: | 10/31/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 10/31/2024 12:00:00 AM |
| Client Sample ID:  | SLCS571                | SDG No.:        | BG110824               |
| Lab Sample ID:     | PB164571BS             | 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 |
| BG063262.D        | 1         | 10/31/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164571      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.275  |           | 10-130 |     | 71         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.281  |           | 25-130 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.636  |           | 15-130 |     | 82         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.358  |           | 20-130 |     | 81         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 124154  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 556775  | 10.628    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 483412  | 14.476    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1112634 | 17.226    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1141474 | 21.48     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1192195 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SBLK616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063264.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SBLK616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063264.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SBLK616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063264.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.404  |           | 15-120 |      | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 24.525 |           | 20-120 |      | 61         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.379 |           | 10-130 |      | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.649 |           | 10-150 |      | 67         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.155 |           | 15-120 |      | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.823 |           | 10-140 |      | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.328 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.816 |           | 10-120 |      | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.397 |           | 10-140 |      | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.879 |           | 1-145  |      | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.058 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.693 |           | 15-120 |      | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.185 |           | 10-150 |      | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.114 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SBLK616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BL   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063264.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 20.61   |           | 10-130 |     | 52         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.568  |           | 10-150 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.314  |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.121  |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 137601  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 619346  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 537839  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1238558 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1263072 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1369310 | 24.509    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM        |
| Client Sample ID:  | SBLK770                | SDG No.:        | BG110824                     |
| Lab Sample ID:     | PB164770BL             | 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 |
| BG063265.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK770                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BL             | 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 |
| BG063265.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK770        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BL     | 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 |
| BG063265.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.299  |           | 15-120 |     | 66         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 24.018 |           | 20-120 |     | 60         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.052 |           | 10-130 |     | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.277 |           | 25-120 |     | 66         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.337 |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.249 |           | 25-125 |     | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.676 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.424 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.043 |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.467 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.415 |           | 25-130 |     | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.871 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.803 |           | 10-150 |     | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.322 |           | 25-125 |     | 68         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK770                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BL             | 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 |
| BG063265.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 19.229  |           | 10-130 |     | 48         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.103  |           | 25-130 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.731  |           | 15-130 |     | 77         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.087  |           | 20-130 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 134389  | 7.833     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 627490  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 529765  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1231157 | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1258365 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1335691 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B86                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-03               | 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 |
| BG063266.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.5   | J         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B86     | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-03  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063266.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B86     | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-03  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063266.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.867  |           | 15-120 |     | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.877  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.312  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.581 |           | 25-120 |     | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.836 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.553 |           | 25-125 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.434 |           | 20-125 |     | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.044 |           | 20-130 |     | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.301 |           | 20-120 |     | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.023 |           | 1-146  |     | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.426 |           | 25-130 |     | 71         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.662 |           | 10-130 |     | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.706  |           | 10-150 |     | 14         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.172 |           | 25-125 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B86                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-03               | 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 |
| BG063266.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 25.207  |           | 10-130 |     | 63         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.407  |           | 25-130 |     | 91         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 36.217  |           | 15-130 |     | 91         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 37.253  |           | 20-130 |     | 93         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 142065  | 7.834     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 672261  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 539889  | 14.473    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1235349 | 17.223    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1306335 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1373133 | 24.509    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B88                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-05               | 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 |
| BG063267.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.3   | J         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B88     | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-05  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063267.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B88                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-05               | 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 |
| BG063267.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.354  |           | 15-120 |     | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.861  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.567  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.117 |           | 25-120 |     | 75         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.482 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.262 |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.521 |           | 20-125 |     | 86         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.837 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.407 |           | 20-120 |     | 81         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.878 |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.167 |           | 25-130 |     | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.372 |           | 10-130 |     | 81         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.08   |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.782 |           | 25-125 |     | 79         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | C0B88                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4729-05               | 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 |
| BG063267.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.12   |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.712  |           | 25-130 |     | 92         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 38.514  |           | 15-130 |     | 96         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 39.023  |           | 20-130 |     | 98         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 139461  | 7.832     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 630128  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 538929  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1224686 | 17.221    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1251874 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1325390 | 24.513    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP55                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-01               | 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 |
| BG063268.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP55                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-01               | 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 |
| BG063268.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP55                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-01               | 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 |
| BG063268.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.011  |           | 15-120 |     | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.732  | *         | 20-120 |     | 4          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.447  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.946 |           | 25-120 |     | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.623 |           | 20-130 |     | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.094 |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.103 |           | 20-125 |     | 68         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.074 |           | 20-130 |     | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.778 |           | 20-120 |     | 64         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 0.168  | *         | 1-146  |     | 0          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.499 |           | 25-130 |     | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.015 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.465  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.021 |           | 25-125 |     | 68         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP55                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-01               | 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 |
| BG063268.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 21.567  |           | 10-130 |     | 54         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.278  |           | 25-130 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 30.409  |           | 15-130 |     | 76         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 29.164  |           | 20-130 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 141795  | 7.838     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 641375  | 10.623    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 539826  | 14.471    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1273152 | 17.221    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1288154 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1366409 | 24.506    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 2.8     | J         |        |     | 15.828     |          |
| 020170-32-5                           | 3,5-di-tert-Butyl-4-hydroxyphenylp | 2.4     | J         |        |     | 18.337     |          |
| E966796                               | Total Alkanes                      | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP56                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-02               | 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 |
| BG063269.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP56                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-02               | 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 |
| BG063269.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP56                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-02               | 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 |
| BG063269.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.188  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.62   | *         | 20-120 |     | 12         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.022 |           | 10-130 |     | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.266 |           | 25-120 |     | 81         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.793 |           | 20-130 |     | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.88  |           | 25-125 |     | 57         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.954 |           | 20-125 |     | 87         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 33.904 |           | 20-130 |     | 85         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.683 |           | 20-120 |     | 84         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.638 |           | 1-146  |     | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.62  |           | 25-130 |     | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.908 |           | 10-130 |     | 85         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.409  |           | 10-150 |     | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.588 |           | 25-125 |     | 81         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP56                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-02               | 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 |
| BG063269.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.102  |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.118  |           | 25-130 |     | 88         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 36.121  |           | 15-130 |     | 90         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.624  |           | 20-130 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 122035  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 574380  | 10.627    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 494811  | 14.469    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1117112 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1150347 | 21.473    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1199824 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP57                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-03               | 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 |
| BG063270.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP57                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-03               | 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 |
| BG063270.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP57          | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-03       | 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 |
| BG063270.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.254  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.203  |           | 20-120 |     | 21         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.97   |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.335 |           | 25-120 |     | 81         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.569 |           | 20-130 |     | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.021 |           | 25-125 |     | 53         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.563 |           | 20-125 |     | 89         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.681 |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.853 |           | 20-120 |     | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.727 |           | 1-146  |     | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.636 |           | 25-130 |     | 74         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.169 |           | 10-130 |     | 83         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.564  |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.7   |           | 25-125 |     | 82         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP57                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-03               | 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 |
| BG063270.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.676  |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.84   |           | 25-130 |     | 90         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 36.502  |           | 15-130 |     | 91         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.906  |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 130986  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 620513  | 10.621    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 529157  | 14.469    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1197295 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1239125 | 21.473    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1297021 | 24.511    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP58                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-04               | 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 |
| BG063271.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP58     | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-04  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063271.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP58                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-04               | 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 |
| BG063271.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.523  |           | 15-120 |     | 57         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.033  |           | 20-120 |     | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.237  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.609 |           | 25-120 |     | 79         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.583 |           | 20-130 |     | 76         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.223 |           | 25-125 |     | 53         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.037 |           | 20-125 |     | 80         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.12  |           | 20-130 |     | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.705 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.58  |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.84  |           | 25-130 |     | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.252 |           | 10-130 |     | 78         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.56   |           | 10-150 |     | 16         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.294 |           | 25-125 |     | 76         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP58                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-04               | 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 |
| BG063271.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 26.96   |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 33.499  |           | 25-130 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 34.905  |           | 15-130 |     | 87         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 35.163  |           | 20-130 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 127584  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 624263  | 10.621    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 532213  | 14.469    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1211951 | 17.219    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1236664 | 21.473    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1294552 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 020170-32-5                           | 3,5-di-tert-Butyl-4-hydroxyphenylp | 4.2     | J         |        |     | 18.335     |          |
| E966796                               | Total Alkanes                      | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP59                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-05               | 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 |
| BG063272.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP59     | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-05  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Decanted :      | Level :               |
|                    |           |                 | LOW                   |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup :         |
|                    |           |                 | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG063272.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP59                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-05               | 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 |
| BG063272.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.77   |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.936  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.121  |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.29  |           | 25-120 |     | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.754 |           | 20-130 |     | 72         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.172 |           | 25-125 |     | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.874 |           | 20-125 |     | 80         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.737 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.578 |           | 20-120 |     | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.701 |           | 1-146  |     | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.623 |           | 25-130 |     | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.092 |           | 10-130 |     | 78         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.109  |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.952 |           | 25-125 |     | 77         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP59                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-05               | 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 |
| BG063272.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 26.944  |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 34.419  |           | 25-130 |     | 86         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 36.053  |           | 15-130 |     | 90         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 35.171  |           | 20-130 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 135071  | 7.837     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 624465  | 10.622    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 539280  | 14.471    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1242805 | 17.22     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1246924 | 21.474    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1365514 | 24.506    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                       | 2.5     | J         |        |     | 15.828     |          |
| 020170-32-5                           | 3,5-di-tert-Butyl-4-hydroxyphenylp | 9.2     | J         |        |     | 18.343     |          |
| E966796                               | Total Alkanes                      | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP60                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-06               | 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 |
| BG063273.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP60                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-06               | 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 |
| BG063273.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP60                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-06               | 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 |
| BG063273.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.943  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.993  |           | 20-120 |     | 20         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.87   |           | 10-130 |     | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.05  |           | 25-120 |     | 80         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.591 |           | 20-130 |     | 81         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.561 |           | 25-125 |     | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.285 |           | 20-125 |     | 88         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.48  |           | 20-130 |     | 89         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.108 |           | 20-120 |     | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.822 |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.116 |           | 25-130 |     | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 34.633 |           | 10-130 |     | 87         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.103  |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 33.558 |           | 25-125 |     | 84         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/4/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/4/2024 12:00:00 AM |
| Client Sample ID:  | GCP60                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-06               | 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 |
| BG063273.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                          | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 29.671  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 36.618  |           | 25-130 |     | 92         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 37.658  |           | 15-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 36.751  |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 125940  | 7.833     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 588356  | 10.624    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 528766  | 14.472    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 1222135 | 17.222    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 1246781 | 21.475    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 1352626 | 24.507    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |         |           |        |     |            |          |
| 020170-32-5                           | 3,5-di-tert-Butyl-4-hydroxyphenylp | 6.8     | J         |        |     | 18.338     |          |
| E966796                               | Total Alkanes                      | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP61                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-07               | 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 |
| BG063274.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP61                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-07               | 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 |
| BG063274.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP61                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-07               | 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 |
| BG063274.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.127  |           | 15-120 |     | 52         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.577  | *         | 20-120 |     | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.943  |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.344 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.817 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.238 |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 28.813 |           | 20-125 |     | 72         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.365 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.876 |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.046 |           | 1-146  |     | 63         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.151 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.218 |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.305  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.402 |           | 25-125 |     | 69         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP61                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-07               | 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 |
| BG063274.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.767  |           | 10-130 |     | 57         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.03   |           | 25-130 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.012  |           | 15-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.175  |           | 20-130 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 130746  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 613820  | 10.621    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 538406  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1233833 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1261428 | 21.473    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1349076 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| 000119-61-9                           | Benzophenone                  | 3.1     | J         |        |     | 15.832     |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS770        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BS     | 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 |
| BG063275.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.2   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 3.6   | J         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 27    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 32    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 30    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 30    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 28    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 31    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 31    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 29    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 32    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 29    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 15    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 28    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 24    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 27    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 28    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 17    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 32    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 32    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS770                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BS             | 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 |
| BG063275.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 30    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 29    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 25    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 29    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 30    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 25    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 25    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 29    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 25    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 28    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 33    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 29    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 32    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 30    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 32    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 31    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 28    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 31    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 31    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 33    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 30    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 36    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 31    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 30    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 32    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS770        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164770BS     | 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 |
| BG063275.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 32     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 35     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 31     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 31     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 35     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 36     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 31     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 32     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 32     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 29     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.68   |           | 15-120 |     | 71         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.155 |           | 20-120 |     | 68         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 32.24  |           | 10-130 |     | 81         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.255 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.103 |           | 20-130 |     | 85         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.528 |           | 25-125 |     | 79         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.937 |           | 20-125 |     | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.866 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 32.644 |           | 20-120 |     | 82         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.349 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.336 |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.375 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.727 |           | 10-150 |     | 74         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.14  |           | 25-125 |     | 73         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM        |
| Client Sample ID:  | SLCS770                | SDG No.:        | BG110824                     |
| Lab Sample ID:     | PB164770BS             | 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 |
| BG063275.D        | 1         | 11/7/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164770      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.595  |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.402  |           | 25-130 |     | 79         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.154  |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.616  |           | 20-130 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 136421  | 7.836     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 648203  | 10.626    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 558127  | 14.475    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1289607 | 17.225    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1322440 | 21.478    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1376082 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SLCS616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063276.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 320   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 130   | J         | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 870   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 960   |           | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 910   |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 940   |           | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 940   |           | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 910   |           | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 970   |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 880   |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1000  |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 950   |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 820   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 990   |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 840   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 920   |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1000  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 970   |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 480   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 930   |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 790   |           | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 930   |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 870   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 920   |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 470   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1000  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SLCS616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063276.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 980   |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 970   |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 910   |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 830   |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 930   |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 960   |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 980   |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 980   |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 830   |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 870   |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 930   |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 860   |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 820   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 910   |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 890   |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1100  |           | 24  | 82.5 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 920   |           | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1000  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 980   |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 980   |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 860   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1000  |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 980   |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1100  |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 960   |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1100  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 970   |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 970   |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1000  |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SLCS616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063276.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1000   |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 950    |           | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 980    |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1000   |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1100   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1100   |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 980    |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 990    |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1000   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1000   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 970    |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.982  |           | 15-120 |      | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.79  |           | 20-120 |      | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.095 |           | 10-130 |      | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.605 |           | 10-150 |      | 67         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.931 |           | 15-120 |      | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.898 |           | 10-140 |      | 72         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.12  |           | 10-135 |      | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.221 |           | 10-120 |      | 73         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.509 |           | 10-140 |      | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.818 |           | 1-145  |      | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.649 |           | 10-145 |      | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.296 |           | 15-120 |      | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.852 |           | 10-150 |      | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.65  |           | 20-140 |      | 69         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 11/3/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 11/3/2024 12:00:00 AM |
| Client Sample ID:  | SLCS616      | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164616BS   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30 Units: g  | Final Vol:      | 500 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 |
| BG063276.D        | 1         | 11/3/2024 12:00:00 AM | 11/9/2024 12:00:00 AM | PB164616      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.216  |           | 10-130 |     | 68         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.317  |           | 10-150 |     | 71         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 29.553  |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.87   |           | 10-140 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 130810  | 7.834     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 601561  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 527080  | 14.474    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1260450 | 17.223    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1294481 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1337068 | 24.515    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26      | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK772                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BL             | 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 |
| BG063278.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK772    | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BL | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            | Test:           | uL                    |
| Extraction Type :  |            | Decanted :      | Level :               |
|                    |            |                 | LOW                   |
| Injection Volume : |            | GPC Factor :    | GPC Cleanup :         |
|                    |            |                 | PH :                  |

|                   |           |                       |                        |               |
|-------------------|-----------|-----------------------|------------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed          | Prep Batch ID |
| BG063278.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK772        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BL     | 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 |
| BG063278.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.156  |           | 15-120 |     | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.995 |           | 20-120 |     | 67         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.564 |           | 10-130 |     | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.677 |           | 25-120 |     | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.629 |           | 20-130 |     | 79         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 30.202 |           | 25-125 |     | 76         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 31.944 |           | 20-125 |     | 80         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.669 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.713 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.879 |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.444 |           | 25-130 |     | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.427 |           | 10-130 |     | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.297 |           | 10-150 |     | 61         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.368 |           | 25-125 |     | 73         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SBLK772                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BL             | 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 |
| BG063278.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.88   |           | 10-130 |     | 60         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.565  |           | 25-130 |     | 79         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.981  |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.491  |           | 20-130 |     | 81         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 132584  | 7.831     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 630332  | 10.622    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 553922  | 14.47     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1316008 | 17.22     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1381001 | 21.474    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1456788 | 24.512    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP62                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-08               | 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 |
| BG063279.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.5   | J         | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.82  | U         | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.89  | U         | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.93  | U         | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 0.7   | U         | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.98  | U         | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.8   | U         | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP62                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-08               | 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 |
| BG063279.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 0.99  | U         | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.87  | U         | 0.87 | 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           | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 0.87  | U         | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.96  | U         | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.71  | U         | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.9   | U         | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.56  | U         | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 0.96  | U         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.97  | U         | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 0.72  | U         | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.92  | U         | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.81  | U         | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 0.65  | U         | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP62          | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-08       | 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 |
| BG063279.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 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      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.35   |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.257  | *         | 20-120 |     | 18         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.864  |           | 10-130 |     | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.276 |           | 25-120 |     | 86         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.657 |           | 20-130 |     | 82         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.447 |           | 25-125 |     | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.891 |           | 20-125 |     | 90         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 34.575 |           | 20-130 |     | 86         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.68  |           | 20-120 |     | 87         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.565 |           | 1-146  |     | 31         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.805 |           | 25-130 |     | 80         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 34.833 |           | 10-130 |     | 87         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.834  |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.779 |           | 25-125 |     | 87         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/5/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/5/2024 12:00:00 AM |
| Client Sample ID:  | GCP62                  | SDG No.:        | BG110824              |
| Lab Sample ID:     | P4744-08               | 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 |
| BG063279.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                      | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|--------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2  | 31.727  |           | 10-130 |     | 79         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                 | 36.093  |           | 25-130 |     | 90         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                     | 37.577  |           | 15-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12             | 35.926  |           | 20-130 |     | 90         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4         | 132485  | 7.835     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                 | 609197  | 10.62     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10               | 501146  | 14.468    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10               | 1154838 | 17.224    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                   | 1204006 | 21.472    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                   | 1274198 | 24.51     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                |         |           |        |     |            |          |
| 000101-83-7                           | Cyclohexanamine, N-cyclohexyl- | 2.9     | J         |        |     | 13.775     |          |
| E966796                               | Total Alkanes                  | 0.99    | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS772                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BS             | 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 |
| BG063280.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.2   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 3.5   | J         | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 26    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 29    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 31    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 28    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 26    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 27    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 23    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 25    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 26    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 30    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 28    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 13    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 23    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 26    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 25    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 27    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 16    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 30    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 30    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS772        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BS     | 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 |
| BG063280.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 29    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 27    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 24    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 27    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 29    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 23    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 24    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 27    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 24    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 27    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 32    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 27    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 30    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 26    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 28    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 29    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 30    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 29    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 32    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 28    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 30    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS772        | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BS     | 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 |
| BG063280.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 30     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 33     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 29     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 29     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 32     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 33     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 30     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 29     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 29     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 29     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 30     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 28     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.855  |           | 15-120 |     | 61         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.356 |           | 20-120 |     | 66         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 30.427 |           | 10-130 |     | 76         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.978 |           | 25-120 |     | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 31.827 |           | 20-130 |     | 80         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.353 |           | 25-125 |     | 73         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.32  |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.645 |           | 20-130 |     | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.661 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.764 |           | 1-146  |     | 62         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.941 |           | 25-130 |     | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.993 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.836 |           | 10-150 |     | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.708 |           | 25-125 |     | 69         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 11/7/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 11/7/2024 12:00:00 AM |
| Client Sample ID:  | SLCS772                | SDG No.:        | BG110824              |
| Lab Sample ID:     | PB164772BS             | 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 |
| BG063280.D        | 1         | 11/7/2024 12:00:00 AM | 11/10/2024 12:00:00 AM | PB164772      |

| CAS Number                            | Parameter                     | Conc.   | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|---------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 26.932  |           | 10-130 |     | 67         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.345  |           | 25-130 |     | 73         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 30.027  |           | 15-130 |     | 75         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.454  |           | 20-130 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |         |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 138589  | 7.834     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 656529  | 10.625    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 562216  | 14.473    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 1339269 | 17.223    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 1356211 | 21.477    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 1425203 | 24.514    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |         |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99    | U         |        |     | 99         | ug/L     |

### Hit Summary Sheet SW-846

SDG No.: BG110824

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C        | MDL | RDL | Units     |
|----------------------|-----------|--------|----------------------------------|---------------|----------|-----|-----|-----------|
| Client ID : A4EE7    |           |        |                                  |               |          |     |     |           |
| P4582-01             | A4EE7     | Solid  | (DEL) Alkane: Straight-Chain21.1 | *             | 96.000   | J   |     |           |
| P4582-01             | A4EE7     | Solid  | Benzophenone                     | *             | 310.000  | J   |     |           |
| P4582-01             | A4EE7     | Solid  | n-Hexadecanoic acid              | *             | 290.000  | J   |     |           |
| P4582-01             | A4EE7     | Solid  | Total Alkanes                    | *             | 96.000   |     | 31  | 200 ug/Kg |
| Total Tics :         |           |        |                                  |               | 792.00   |     |     |           |
| P4582-01             | A4EE7     | Solid  | 4-Methylphenol                   |               | 270.000  | J   | 62  | 390 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Benzo(a)anthracene               |               | 85.000   | J   | 27  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Benzo(a)pyrene                   |               | 70.000   | J   | 36  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Benzo(b)fluoranthene             |               | 99.000   | J   | 43  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Benzo(g,h,i)perylene             |               | 53.000   | J   | 38  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Benzo(k)fluoranthene             |               | 45.000   | J   | 45  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Chrysene                         |               | 98.000   | J   | 28  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Fluoranthene                     |               | 210.000  |     | 22  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Indeno(1,2,3-cd)pyrene           |               | 41.000   | J   | 33  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Phenanthrene                     |               | 130.000  | J   | 32  | 200 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Phenol                           |               | 41.000   | J   | 35  | 390 ug/Kg |
| P4582-01             | A4EE7     | Solid  | Pyrene                           |               | 170.000  | J   | 21  | 200 ug/Kg |
| Total Svoc :         |           |        |                                  |               | 1,312.00 |     |     |           |
| Total Concentration: |           |        |                                  |               | 2,104.00 |     |     |           |
| Client ID : A4EE8    |           |        |                                  |               |          |     |     |           |
| P4582-02             | A4EE8     | Solid  | Benzophenone                     | *             | 340.000  | J   |     |           |
| P4582-02             | A4EE8     | Solid  | n-Hexadecanoic acid              | *             | 170.000  | J   |     |           |
| P4582-02             | A4EE8     | Solid  | Total Alkanes                    | *             | 0.000    |     | 30  | 200 ug/Kg |
| Total Tics :         |           |        |                                  |               | 510.00   |     |     |           |
| P4582-02             | A4EE8     | Solid  | Benzo(a)anthracene               |               | 49.000   | J   | 27  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Benzo(a)pyrene                   |               | 49.000   | J   | 36  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Benzo(b)fluoranthene             |               | 64.000   | J   | 43  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Chrysene                         |               | 53.000   | J   | 28  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Fluoranthene                     |               | 100.000  | J   | 22  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Phenanthrene                     |               | 43.000   | J   | 31  | 200 ug/Kg |
| P4582-02             | A4EE8     | Solid  | Pyrene                           |               | 85.000   | J   | 21  | 200 ug/Kg |
| Total Svoc :         |           |        |                                  |               | 443.00   |     |     |           |
| Total Concentration: |           |        |                                  |               | 953.00   |     |     |           |
| Client ID : A4EF0    |           |        |                                  |               |          |     |     |           |
| P4582-05             | A4EF0     | Solid  | Benzophenone                     | *             | 220.000  | J   |     |           |
| P4582-05             | A4EF0     | Solid  | n-Hexadecanoic acid              | *             | 90.000   | J   |     |           |
| P4582-05             | A4EF0     | Solid  | Total Alkanes                    | *             | 0.000    |     | 32  | 210 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BG110824

Client:

| Sample ID         | Client ID | Matrix | Parameter                  | Concentration | C       | MDL  | RDL | Units |
|-------------------|-----------|--------|----------------------------|---------------|---------|------|-----|-------|
|                   |           |        | Total Tics :               | 310.00        |         |      |     |       |
| P4582-05          | A4EF0     | Solid  | Acetophenone               | 230.000       | J       | 81   | 410 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Benzo(a)anthracene         | 91.000        | J       | 28   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Benzo(b)fluoranthene       | 110.000       | J       | 45   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Benzo(k)fluoranthene       | 48.000        | J       | 47   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Bis(2-ethylhexyl)phthalate | 53.000        | J       | 31   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Chrysene                   | 100.000       | J       | 29   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Fluoranthene               | 200.000       | J       | 23   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Phenanthrene               | 86.000        | J       | 33   | 210 | ug/Kg |
| P4582-05          | A4EF0     | Solid  | Pyrene                     | 110.000       | J       | 22   | 210 | ug/Kg |
|                   |           |        | Total Svoc :               | 1,028.00      |         |      |     |       |
|                   |           |        | Total Concentration:       | 1,338.00      |         |      |     |       |
| Client ID : A4EC0 |           |        |                            |               |         |      |     |       |
| P4582-09          | A4EC0     | Solid  | Benzophenone               | *             | 170.000 | J    |     |       |
| P4582-09          | A4EC0     | Solid  | Total Alkanes              | *             | 0.000   | 31   | 200 | ug/Kg |
|                   |           |        | Total Tics :               | 170.00        |         |      |     |       |
| P4582-09          | A4EC0     | Solid  | Acetophenone               | 220.000       | J       | 80   | 400 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Benzo(a)anthracene         | 190.000       | J       | 28   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Benzo(a)pyrene             | 57.000        | J       | 37   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Benzo(b)fluoranthene       | 210.000       |         | 45   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Benzo(k)fluoranthene       | 95.000        | J       | 46   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Chrysene                   | 180.000       | J       | 29   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Fluoranthene               | 380.000       |         | 23   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Indeno(1,2,3-cd)pyrene     | 50.000        | J       | 34   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Phenanthrene               | 93.000        | J       | 33   | 200 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Phenol                     | 46.000        | J       | 36   | 400 | ug/Kg |
| P4582-09          | A4EC0     | Solid  | Pyrene                     | 200.000       |         | 22   | 200 | ug/Kg |
|                   |           |        | Total Svoc :               | 1,721.00      |         |      |     |       |
|                   |           |        | Total Concentration:       | 1,891.00      |         |      |     |       |
| Client ID : A4EE1 |           |        |                            |               |         |      |     |       |
| P4586-01          | A4EE1     | Solid  | Total Alkanes              | *             | 0.000   | 31   | 200 | ug/Kg |
|                   |           |        | Total Tics :               | 0.00          |         |      |     |       |
| P4586-01          | A4EE1     | Solid  | Acetophenone               | 150.000       | J       | 78   | 390 | ug/Kg |
| P4586-01          | A4EE1     | Solid  | Fluoranthene               | 63.000        | J       | 22   | 200 | ug/Kg |
|                   |           |        | Total Svoc :               | 213.00        |         |      |     |       |
|                   |           |        | Total Concentration:       | 213.00        |         |      |     |       |
| Client ID : C0CG0 |           |        |                            |               |         |      |     |       |
| P4627-05          | C0CG0     | Water  | Benzophenone               | *             | 2.500   | J    |     |       |
| P4627-05          | C0CG0     | Water  | Total Alkanes              | *             | 0.000   | 0.99 | 5   | ug/L  |

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

**SDG No.:** BG110824

**Client:**

| Sample ID          | Client ID    |       | Parameter                          |   | Concentration | C | MDL           | RDL | Units |
|--------------------|--------------|-------|------------------------------------|---|---------------|---|---------------|-----|-------|
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>2.50</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>2.50</b>   |     |       |
| <b>Client ID :</b> | <b>C0CQ0</b> |       |                                    |   |               |   |               |     |       |
| P4627-06           | C0CQ0        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CF7</b> |       |                                    |   |               |   |               |     |       |
| P4627-07           | C0CF7        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CF2</b> |       |                                    |   |               |   |               |     |       |
| P4627-08           | C0CF2        | Water | Benzophenone                       | * | 2.300         | J |               |     |       |
| P4627-08           | C0CF2        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>2.30</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>2.30</b>   |     |       |
| <b>Client ID :</b> | <b>C0CD3</b> |       |                                    |   |               |   |               |     |       |
| P4627-10           | C0CD3        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CD9</b> |       |                                    |   |               |   |               |     |       |
| P4627-11           | C0CD9        | Water | Tetrachloroethylene                | * | 120.000       | J |               |     |       |
| P4627-11           | C0CD9        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>120.00</b> |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>120.00</b> |     |       |
| <b>Client ID :</b> | <b>C0CD1</b> |       |                                    |   |               |   |               |     |       |
| P4627-12           | C0CD1        | Water | Ethanol, 2-[2-[4-(1,1,3,3-tetramet | * | 2.100         | J |               |     |       |
| P4627-12           | C0CD1        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>2.10</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>2.10</b>   |     |       |
| <b>Client ID :</b> | <b>C0CF3</b> |       |                                    |   |               |   |               |     |       |
| P4627-13           | C0CF3        | Water | Benzophenone                       | * | 2.400         | J |               |     |       |
| P4627-13           | C0CF3        | Water | Tetrachloroethylene                | * | 84.000        | J |               |     |       |
| P4627-13           | C0CF3        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |   |               |   | <b>86.40</b>  |     |       |
|                    |              |       | <b>Total Concentration:</b>        |   |               |   | <b>86.40</b>  |     |       |
| <b>Client ID :</b> | <b>C0CD2</b> |       |                                    |   |               |   |               |     |       |
| P4627-14           | C0CD2        | Water | Total Alkanes                      | * | 0.000         |   | 0.99          | 5   | ug/L  |

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

**SDG No.:** BG110824

**Client:**

| Sample ID          | Client ID    |       | Parameter                        |   | Concentration | C | MDL           | RDL | Units |
|--------------------|--------------|-------|----------------------------------|---|---------------|---|---------------|-----|-------|
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CF9</b> |       |                                  |   |               |   |               |     |       |
| P4627-17           | C0CF9        | Water | Total Alkanes                    | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CF6</b> |       |                                  |   |               |   |               |     |       |
| P4627-18           | C0CF6        | Water | Total Alkanes                    | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>0.00</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>0.00</b>   |     |       |
| <b>Client ID :</b> | <b>C0CE0</b> |       |                                  |   |               |   |               |     |       |
| P4627-19           | C0CE0        | Water | Tetrachloroethylene              | * | 6.500         | J |               |     |       |
| P4627-19           | C0CE0        | Water | Total Alkanes                    | * | 0.000         |   | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>6.50</b>   |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>6.50</b>   |     |       |
| <b>Client ID :</b> | <b>C0PI7</b> |       |                                  |   |               |   |               |     |       |
| P4636-01           | C0PI7        | Solid | Benzophenone                     | * | 340.000       | J |               |     |       |
| P4636-01           | C0PI7        | Solid | n-Hexadecanoic acid              | * | 150.000       | J |               |     |       |
| P4636-01           | C0PI7        | Solid | Total Alkanes                    | * | 0.000         |   | 28            | 190 | ug/Kg |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>490.00</b> |     |       |
| P4636-01           | C0PI7        | Solid | Phenol                           |   | 38.000        | J | 33            | 360 | ug/Kg |
|                    |              |       | <b>Total Svoc :</b>              |   |               |   | <b>38.00</b>  |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>528.00</b> |     |       |
| <b>Client ID :</b> | <b>CC0P0</b> |       |                                  |   |               |   |               |     |       |
| P4636-02           | CC0P0        | Solid | Benzophenone                     | * | 330.000       | J |               |     |       |
| P4636-02           | CC0P0        | Solid | n-Hexadecanoic acid              | * | 140.000       | J |               |     |       |
| P4636-02           | CC0P0        | Solid | Total Alkanes                    | * | 0.000         |   | 28            | 180 | ug/Kg |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>470.00</b> |     |       |
|                    |              |       | <b>Total Concentration:</b>      |   |               |   | <b>470.00</b> |     |       |
| <b>Client ID :</b> | <b>CC0P2</b> |       |                                  |   |               |   |               |     |       |
| P4636-05           | CC0P2        | Solid | (DEL) Alkane: Straight-Chain23.( | * | 150.000       | J |               |     |       |
| P4636-05           | CC0P2        | Solid | Benzophenone                     | * | 110.000       | J |               |     |       |
| P4636-05           | CC0P2        | Solid | n-Hexadecanoic acid              | * | 150.000       | J |               |     |       |
| P4636-05           | CC0P2        | Solid | Triacetyl acetate                | * | 130.000       | J |               |     |       |
| P4636-05           | CC0P2        | Solid | Total Alkanes                    | * | 150.000       |   | 27            | 180 | ug/Kg |
|                    |              |       | <b>Total Tics :</b>              |   |               |   | <b>690.00</b> |     |       |
| P4636-05           | CC0P2        | Solid | Bis(2-ethylhexyl)phthalate       |   | 270.000       |   | 26            | 180 | ug/Kg |
|                    |              |       | <b>Total Svoc :</b>              |   |               |   | <b>270.00</b> |     |       |

### Hit Summary Sheet SW-846

SDG No.: BG110824

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C       | MDL  | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|---------|------|-----|-------|
| Total Concentration: |           |        |                                    | 960.00        |         |      |     |       |
| Client ID : CC0P4    |           |        |                                    |               |         |      |     |       |
| P4636-06             | CC0P4     | Solid  | (DEL) Alkane: Straight-Chain21.1   | *             | 130.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,3,3,5-pentach    | *             | 72.000  | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,3,3,6-pentach    | *             | 310.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,3,4,5-Pentach    | *             | 180.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,4,4-tetrachlo    | *             | 170.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,4,6,6-Pentach    | *             | 330.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,2,6,6-tetrachlo    | *             | 160.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,3,4,4,5,5-hexa     | *             | 110.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 1,1-Biphenyl, 2,3,4,4,5-pentach    | *             | 430.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,2,3,4,5,6-Hexachloro-1,1-bip     | *             | 180.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,2,3,4,6-Pentachloro-1,1-biphe    | *             | 110.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,2,3,5,6,6-Hexachloro-1,1-biph    | *             | 87.000  | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,3,3,4,4,6-Hexachloro-1,1-biph    | *             | 210.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,3,3,4,5- Pentachloro-1,1-bip     | *             | 440.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,3,3,5,6-Pentachloro-1,1-biphen   | *             | 140.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2,3,4,4,5,6-Hexachloro-1,1-biphe   | *             | 350.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | 2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 | *             | 260.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | Benzophenone                       | *             | 100.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | n-Hexadecanoic acid                | *             | 130.000 | J    |     |       |
| P4636-06             | CC0P4     | Solid  | Total Alkanes                      | *             | 130.000 | 27   | 180 | ug/Kg |
| Total Tics :         |           |        |                                    | 4,029.00      |         |      |     |       |
| P4636-06             | CC0P4     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 39.000  | J 26 | 180 | ug/Kg |
| Total Svoc :         |           |        |                                    | 39.00         |         |      |     |       |
| Total Concentration: |           |        |                                    | 4,068.00      |         |      |     |       |
| Client ID : CC0Q2    |           |        |                                    |               |         |      |     |       |
| P4636-10             | CC0Q2     | Solid  | (DEL) Alkane: Straight-Chain21.1   | *             | 120.000 | J    |     |       |
| P4636-10             | CC0Q2     | Solid  | (DEL) Alkane: Straight-Chain23.1   | *             | 110.000 | J    |     |       |
| P4636-10             | CC0Q2     | Solid  | Docosane, 1-iodo-                  | *             | 250.000 | J    |     |       |
| P4636-10             | CC0Q2     | Solid  | n-Hexadecanoic acid                | *             | 130.000 | J    |     |       |
| P4636-10             | CC0Q2     | Solid  | Total Alkanes                      | *             | 230.000 | 30   | 200 | ug/Kg |
| Total Tics :         |           |        |                                    | 840.00        |         |      |     |       |
| Total Concentration: |           |        |                                    | 840.00        |         |      |     |       |
| Client ID : CC0Q3    |           |        |                                    |               |         |      |     |       |
| P4636-11             | CC0Q3     | Solid  | (DEL) Alkane: Straight-Chain17.1   | *             | 280.000 | J    |     |       |
| P4636-11             | CC0Q3     | Solid  | Total Alkanes                      | *             | 280.000 | 39   | 250 | ug/Kg |
| Total Tics :         |           |        |                                    | 560.00        |         |      |     |       |
| P4636-11             | CC0Q3     | Solid  | Acetophenone                       |               | 150.000 | J 99 | 490 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BG110824

Client:

| Sample ID                | Client ID | Matrix | Parameter                         | Concentration | C       | MDL             | RDL | Units |
|--------------------------|-----------|--------|-----------------------------------|---------------|---------|-----------------|-----|-------|
| P4636-11                 | CC0Q3     | Solid  | Bis(2-ethylhexyl)phthalate        | 660.000       |         | 37              | 250 | ug/Kg |
|                          |           |        | <b>Total Svoc :</b>               |               |         | <b>810.00</b>   |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>1,370.00</b> |     |       |
| <b>Client ID : BHK69</b> |           |        |                                   |               |         |                 |     |       |
| P4669-01                 | BHK69     | Solid  | Benzophenone                      | *             | 210.000 | J               |     |       |
| P4669-01                 | BHK69     | Solid  | n-Hexadecanoic acid               | *             | 160.000 | J               |     |       |
| P4669-01                 | BHK69     | Solid  | Total Alkanes                     | *             | 0.000   | 29              | 190 | ug/Kg |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>370.00</b>   |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>370.00</b>   |     |       |
| <b>Client ID : C0B86</b> |           |        |                                   |               |         |                 |     |       |
| P4729-03                 | C0B86     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>0.00</b>     |     |       |
| P4729-03                 | C0B86     | Water  | 1,4-Dioxane                       |               | 1.500   | J 1.2           | 2   | ug/L  |
|                          |           |        | <b>Total Svoc :</b>               |               |         | <b>1.50</b>     |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>1.50</b>     |     |       |
| <b>Client ID : C0B88</b> |           |        |                                   |               |         |                 |     |       |
| P4729-05                 | C0B88     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>0.00</b>     |     |       |
| P4729-05                 | C0B88     | Water  | 1,4-Dioxane                       |               | 1.300   | J 1.2           | 2   | ug/L  |
|                          |           |        | <b>Total Svoc :</b>               |               |         | <b>1.30</b>     |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>1.30</b>     |     |       |
| <b>Client ID : GCP55</b> |           |        |                                   |               |         |                 |     |       |
| P4744-01                 | GCP55     | Water  | 3,5-di-tert-Butyl-4-hydroxyphenyl | *             | 2.400   | J               |     |       |
| P4744-01                 | GCP55     | Water  | Benzophenone                      | *             | 2.800   | J               |     |       |
| P4744-01                 | GCP55     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>5.20</b>     |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>5.20</b>     |     |       |
| <b>Client ID : GCP56</b> |           |        |                                   |               |         |                 |     |       |
| P4744-02                 | GCP56     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>0.00</b>     |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>0.00</b>     |     |       |
| <b>Client ID : GCP57</b> |           |        |                                   |               |         |                 |     |       |
| P4744-03                 | GCP57     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |
|                          |           |        | <b>Total Tics :</b>               |               |         | <b>0.00</b>     |     |       |
|                          |           |        | <b>Total Concentration:</b>       |               |         | <b>0.00</b>     |     |       |
| <b>Client ID : GCP58</b> |           |        |                                   |               |         |                 |     |       |
| P4744-04                 | GCP58     | Water  | 3,5-di-tert-Butyl-4-hydroxyphenyl | *             | 4.200   | J               |     |       |
| P4744-04                 | GCP58     | Water  | Total Alkanes                     | *             | 0.000   | 0.99            | 5   | ug/L  |

### Hit Summary Sheet SW-846

SDG No.: BG110824

Client:

| Sample ID                   | Client ID | Parameter | Concentration                       | C            | MDL   | RDL | Units |
|-----------------------------|-----------|-----------|-------------------------------------|--------------|-------|-----|-------|
| <b>Total Tics :</b>         |           |           |                                     | <b>4.20</b>  |       |     |       |
| <b>Total Concentration:</b> |           |           |                                     | <b>4.20</b>  |       |     |       |
| <b>Client ID : GCP59</b>    |           |           |                                     |              |       |     |       |
| P4744-05                    | GCP59     | Water     | 3,5-di-tert-Butyl-4-hydroxyphenyl * | 9.200        | J     |     |       |
| P4744-05                    | GCP59     | Water     | Benzophenone *                      | 2.500        | J     |     |       |
| P4744-05                    | GCP59     | Water     | Total Alkanes *                     | 0.000        | 0.99  | 5   | ug/L  |
| <b>Total Tics :</b>         |           |           |                                     | <b>11.70</b> |       |     |       |
| <b>Total Concentration:</b> |           |           |                                     | <b>11.70</b> |       |     |       |
| <b>Client ID : GCP60</b>    |           |           |                                     |              |       |     |       |
| P4744-06                    | GCP60     | Water     | 3,5-di-tert-Butyl-4-hydroxyphenyl * | 6.800        | J     |     |       |
| P4744-06                    | GCP60     | Water     | Total Alkanes *                     | 0.000        | 0.99  | 5   | ug/L  |
| <b>Total Tics :</b>         |           |           |                                     | <b>6.80</b>  |       |     |       |
| <b>Total Concentration:</b> |           |           |                                     | <b>6.80</b>  |       |     |       |
| <b>Client ID : GCP61</b>    |           |           |                                     |              |       |     |       |
| P4744-07                    | GCP61     | Water     | Benzophenone *                      | 3.100        | J     |     |       |
| P4744-07                    | GCP61     | Water     | Total Alkanes *                     | 0.000        | 0.99  | 5   | ug/L  |
| <b>Total Tics :</b>         |           |           |                                     | <b>3.10</b>  |       |     |       |
| <b>Total Concentration:</b> |           |           |                                     | <b>3.10</b>  |       |     |       |
| <b>Client ID : GCP62</b>    |           |           |                                     |              |       |     |       |
| P4744-08                    | GCP62     | Water     | Cyclohexanamine, N-cyclohexyl- *    | 2.900        | J     |     |       |
| P4744-08                    | GCP62     | Water     | Total Alkanes *                     | 0.000        | 0.99  | 5   | ug/L  |
| <b>Total Tics :</b>         |           |           |                                     | <b>2.90</b>  |       |     |       |
| P4744-08                    | GCP62     | Water     | 1,4-Dioxane                         | 1.500        | J 1.2 | 2   | ug/L  |
| <b>Total Svoc :</b>         |           |           |                                     | <b>1.50</b>  |       |     |       |
| <b>Total Concentration:</b> |           |           |                                     | <b>4.40</b>  |       |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110624

SAS No.: BG110624

SDG No.: BG110624

Instrument ID: \_\_\_\_\_

Calibration Date(s): 11/6/2024 : \_\_\_\_\_

Calibration Time(s): 11:37 \_\_\_\_\_

| LAB FILE ID:                   RRFAL1 = BG063165.D                   RRFAL2 = BG063166.D                   RRFAL3 = BG063167.D |        |        |        |        |        |        |       |       |
|--------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|
| RRFAL4 = BG063168.D                   RRFAL5 = BG063169.D                   RRFAL6 = BG063170.D                                |        |        |        |        |        |        |       |       |
| COMPOUND                                                                                                                       | RRFAL1 | RRFAL2 | RRFAL3 | RRFAL4 | RRFAL5 | RRFAL6 | RRF   | % RSD |
| 1,4-Dioxane                                                                                                                    | 0.530  | 0.626  | 0.617  | 0.484  | 0.466  |        | 0.545 | 13.6  |
| Benzaldehyde                                                                                                                   |        | 1.320  | 1.355  | 1.053  | 0.704  | 0.555  | 0.997 | 36.1  |
| Pyridine                                                                                                                       |        | 1.347  | 1.601  | 1.503  | 1.513  | 1.494  | 1.492 | 6.1   |
| Hexachloroethane                                                                                                               | 0.483  | 0.506  | 0.552  | 0.502  | 0.496  |        | 0.508 | 5.2   |
| Nitrobenzene                                                                                                                   | 0.390  | 0.442  | 0.449  | 0.453  | 0.434  |        | 0.434 | 5.8   |
| Isophorone                                                                                                                     | 0.893  | 0.910  | 0.941  | 0.955  | 0.876  |        | 0.915 | 3.6   |
| 2-Nitrophenol                                                                                                                  | 0.164  | 0.173  | 0.187  | 0.192  | 0.183  |        | 0.180 | 6.3   |
| 2,4-Dimethylphenol                                                                                                             | 0.339  | 0.383  | 0.411  | 0.419  | 0.407  |        | 0.392 | 8.2   |
| Bis(2-Chloroethoxy)methane                                                                                                     | 0.403  | 0.447  | 0.464  | 0.459  | 0.432  |        | 0.441 | 5.5   |
| 2,4-Dichlorophenol                                                                                                             | 0.297  | 0.308  | 0.350  | 0.367  | 0.359  |        | 0.336 | 9.5   |
| Naphthalene                                                                                                                    | 0.983  | 1.029  | 1.057  | 1.048  | 0.999  |        | 1.023 | 3.1   |
| 4-Chloroaniline                                                                                                                |        | 0.423  | 0.444  | 0.470  | 0.451  | 0.435  | 0.445 | 4.0   |
| Hexachlorobutadiene                                                                                                            | 0.304  | 0.324  | 0.327  | 0.334  | 0.320  |        | 0.322 | 3.4   |
| Phenol                                                                                                                         |        | 1.806  | 1.990  | 1.960  | 1.997  | 2.080  | 1.967 | 5.1   |
| Caprolactam                                                                                                                    |        | 0.148  | 0.147  | 0.144  | 0.133  | 0.126  | 0.140 | 6.9   |
| 4-Chloro-3-methylphenol                                                                                                        | 0.373  | 0.386  | 0.425  | 0.424  | 0.408  |        | 0.403 | 5.8   |
| 1-Methylnaphthalene                                                                                                            | 0.811  | 0.828  | 0.889  | 0.861  | 0.827  |        | 0.843 | 3.7   |
| 2-Methylnaphthalene                                                                                                            | 0.757  | 0.811  | 0.842  | 0.838  | 0.808  |        | 0.811 | 4.2   |
| Hexachlorocyclopentadiene                                                                                                      |        | 0.307  | 0.358  | 0.382  | 0.417  | 0.461  | 0.385 | 15.2  |
| 2,4,6-Trichlorophenol                                                                                                          | 0.333  | 0.355  | 0.396  | 0.405  | 0.414  |        | 0.381 | 9.2   |
| 2,4,5-Trichlorophenol                                                                                                          | 0.372  | 0.369  | 0.430  | 0.441  | 0.451  |        | 0.413 | 9.5   |
| 1,1-Biphenyl                                                                                                                   | 1.222  | 1.278  | 1.296  | 1.291  | 1.252  |        | 1.268 | 2.4   |
| 2-Chloronaphthalene                                                                                                            | 0.960  | 0.998  | 0.996  | 0.993  | 0.988  |        | 0.987 | 1.6   |
| 2-Nitroaniline                                                                                                                 | 0.307  | 0.322  | 0.342  | 0.353  | 0.359  |        | 0.337 | 6.5   |
| Bis(2-Chloroethyl)ether                                                                                                        |        | 1.362  | 1.392  | 1.328  | 1.289  | 1.316  | 1.338 | 3.0   |
| Dimethylphthalate                                                                                                              | 1.567  | 1.561  | 1.518  | 1.467  | 1.399  |        | 1.502 | 4.7   |
| 2,6-Dinitrotoluene                                                                                                             | 0.263  | 0.276  | 0.296  | 0.304  | 0.298  |        | 0.287 | 6.0   |
| Acenaphthylene                                                                                                                 | 1.468  | 1.557  | 1.565  | 1.547  | 1.501  |        | 1.527 | 2.7   |
| 3-Nitroaniline                                                                                                                 |        | 0.272  | 0.284  | 0.266  | 0.231  | 0.202  | 0.251 | 13.5  |
| Acenaphthene                                                                                                                   | 1.015  | 1.128  | 1.125  | 1.119  | 1.079  |        | 1.093 | 4.4   |
| 2,4-Dinitrophenol                                                                                                              |        | 0.206  | 0.138  | 0.184  | 0.201  | 0.218  | 0.190 | 16.4  |
| 4-Nitrophenol                                                                                                                  |        | 0.227  | 0.286  | 0.297  | 0.294  | 0.290  | 0.279 | 10.5  |
| Dibenzofuran                                                                                                                   | 1.644  | 1.699  | 1.711  | 1.689  | 1.623  |        | 1.674 | 2.3   |
| 2,4-Dinitrotoluene                                                                                                             | 0.427  | 0.465  | 0.461  | 0.465  | 0.456  |        | 0.455 | 3.5   |
| Diethylphthalate                                                                                                               | 1.584  | 1.608  | 1.589  | 1.502  | 1.417  |        | 1.540 | 5.2   |
| 2-Chlorophenol                                                                                                                 | 1.138  | 1.215  | 1.287  | 1.301  | 1.324  |        | 1.253 | 6.1   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 11/6/2024 : \_\_\_\_\_  
Calibration Time(s): 11:37 \_\_\_\_\_

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:                |        | RRFAL1 = BG063165.D |        | RRFAL2 = BG063166.D |        | RRFAL3 = BG063167.D |       |       |
|                             |        | RRFAL4 = BG063168.D |        | RRFAL5 = BG063169.D |        | RRFAL6 = BG063170.D |       |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                    | 1.382  | 1.421               | 1.464  | 1.418               | 1.398  |                     | 1.416 | 2.2   |
| 4-Chlorophenyl-phenylether  | 0.850  | 0.927               | 0.946  | 0.917               | 0.912  |                     | 0.910 | 4.0   |
| 4-Nitroaniline              |        | 0.277               | 0.302  | 0.257               | 0.225  | 0.208               | 0.254 | 15.0  |
| 4,6-Dinitro-2-methylphenol  |        | 0.108               | 0.130  | 0.136               | 0.137  | 0.142               | 0.130 | 10.3  |
| N-Nitrosodiphenylamine      | 0.414  | 0.445               | 0.462  | 0.461               | 0.450  |                     | 0.446 | 4.4   |
| 1,2,4,5-Tetrachlorobenzene  | 0.657  | 0.717               | 0.709  | 0.718               | 0.723  |                     | 0.705 | 3.8   |
| 4-Bromophenyl-phenylether   | 0.213  | 0.218               | 0.234  | 0.243               | 0.235  |                     | 0.229 | 5.5   |
| Hexachlorobenzene           | 0.244  | 0.236               | 0.246  | 0.242               | 0.250  |                     | 0.244 | 2.1   |
| Atrazine                    |        | 0.248               | 0.255  | 0.245               | 0.241  | 0.231               | 0.244 | 3.6   |
| Pentachlorophenol           |        | 0.137               | 0.093  | 0.111               | 0.125  | 0.144               | 0.122 | 16.7  |
| 2-Methylphenol              |        | 1.325               | 1.467  | 1.430               | 1.443  | 1.517               | 1.437 | 4.9   |
| Phenanthrene                | 0.888  | 0.916               | 0.953  | 0.929               | 0.882  |                     | 0.914 | 3.2   |
| Pentachlorobenzene          | 0.253  | 0.270               | 0.284  | 0.284               | 0.288  |                     | 0.276 | 5.3   |
| Anthracene                  | 0.922  | 0.942               | 0.974  | 0.953               | 0.889  |                     | 0.936 | 3.4   |
| 1,2,3,4-Tetrachlorobenzene  | 0.236  | 0.244               | 0.268  | 0.274               | 0.272  |                     | 0.259 | 6.7   |
| Carbazole                   |        | 0.807               | 0.849  | 0.801               | 0.749  | 0.679               | 0.777 | 8.4   |
| Di-n-butylphthalate         | 0.883  | 0.895               | 0.938  | 0.890               | 0.815  |                     | 0.884 | 5.0   |
| Fluoranthene                | 1.039  | 1.095               | 1.138  | 1.127               | 1.021  |                     | 1.084 | 4.8   |
| Pyrene                      | 1.150  | 1.153               | 1.203  | 1.192               | 1.046  |                     | 1.149 | 5.4   |
| Butylbenzylphthalate        | 0.307  | 0.327               | 0.340  | 0.360               | 0.344  |                     | 0.336 | 6.0   |
| 3,3-Dichlorobenzidine       |        | 0.460               | 0.474  | 0.452               | 0.409  | 0.355               | 0.430 | 11.3  |
| 2,2-oxybis(1-Chloropropane) |        | 1.659               | 1.752  | 1.691               | 1.676  | 1.674               | 1.691 | 2.1   |
| Benzo(a)anthracene          | 1.224  | 1.290               | 1.333  | 1.295               | 1.183  |                     | 1.265 | 4.8   |
| Chrysene                    | 1.148  | 1.207               | 1.234  | 1.202               | 1.107  |                     | 1.179 | 4.3   |
| Bis(2-ethylhexyl)phthalate  | 0.451  | 0.476               | 0.504  | 0.517               | 0.496  |                     | 0.489 | 5.3   |
| Di-n-octyl phthalate        |        | 0.776               | 0.832  | 0.819               | 0.801  | 0.713               | 0.788 | 6.0   |
| Benzo(b)fluoranthene        | 1.115  | 1.198               | 1.269  | 1.249               | 1.186  |                     | 1.203 | 5.0   |
| Benzo(k)fluoranthene        | 1.188  | 1.196               | 1.236  | 1.192               | 1.181  |                     | 1.199 | 1.8   |
| Benzo(a)pyrene              | 1.066  | 1.111               | 1.152  | 1.132               | 1.104  |                     | 1.113 | 2.9   |
| Indeno(1,2,3-cd)pyrene      | 1.299  | 1.334               | 1.397  | 1.390               | 1.407  |                     | 1.365 | 3.4   |
| Dibenzo(a,h)anthracene      | 1.050  | 1.121               | 1.115  | 1.148               | 1.133  |                     | 1.113 | 3.4   |
| Benzo(g,h,i)perylene        | 0.977  | 1.013               | 1.074  | 1.057               | 1.055  |                     | 1.035 | 3.8   |
| Acetophenone                |        | 2.288               | 2.612  | 2.525               | 2.439  | 2.451               | 2.463 | 4.9   |
| 2,3,4,6-Tetrachlorophenol   | 0.339  | 0.429               | 0.443  | 0.453               | 0.473  |                     | 0.427 | 12.2  |
| 1,4-Dioxane-d8              | 0.372  | 0.465               | 0.484  | 0.473               | 0.418  |                     | 0.442 | 10.6  |
| Pyridine-d5                 |        | 1.360               | 1.527  | 1.442               | 1.479  | 1.502               | 1.462 | 4.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG110624 SAS No.: BG110624 SDG No.: BG110624  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 11/6/2024 : \_\_\_\_\_  
Calibration Time(s): 11:37 : \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BG063165.D |        |        | RRFAL2 = BG063166.D |        | RRFAL3 = BG063167.D |       |
|                             |        | RRFAL4 = BG063168.D |        |        | RRFAL5 = BG063169.D |        | RRFAL6 = BG063170.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 1.608               | 1.867  | 1.776  | 1.853               | 1.920  | 1.805               | 6.7   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.048               | 1.074  | 1.059  | 1.051               | 1.062  | 1.059               | 1.0   |
| 2-Chlorophenol-d4           | 0.991  | 1.137               | 1.265  | 1.231  | 1.233               |        | 1.171               | 9.5   |
| 4-Methylphenol-d8           |        | 1.444               | 1.523  | 1.534  | 1.532               | 1.615  | 1.530               | 4.0   |
| Nitrobenzene-d5             | 0.126  | 0.143               | 0.143  | 0.147  | 0.145               |        | 0.141               | 6.1   |
| 2-Nitrophenol-d4            | 0.164  | 0.185               | 0.182  | 0.191  | 0.186               |        | 0.182               | 5.7   |
| 2,4-Dichlorophenol-d3       | 0.306  | 0.353               | 0.357  | 0.384  | 0.383               |        | 0.357               | 8.9   |
| 4-Chloroaniline-d4          |        | 0.437               | 0.465  | 0.492  | 0.478               | 0.450  | 0.465               | 4.7   |
| 4-Methylphenol              |        | 1.581               | 1.598  | 1.630  | 1.655               | 1.704  | 1.634               | 3.0   |
| Dimethylphthalate-d6        | 1.568  | 1.635               | 1.617  | 1.537  | 1.476               |        | 1.567               | 4.1   |
| Acenaphthylene-d8           | 1.457  | 1.551               | 1.561  | 1.576  | 1.521               |        | 1.533               | 3.1   |
| 4-Nitrophenol-d4            |        | 0.200               | 0.212  | 0.223  | 0.224               | 0.214  | 0.214               | 4.5   |
| Fluorene-d10                | 1.263  | 1.341               | 1.363  | 1.342  | 1.302               |        | 1.322               | 3.0   |
| 4,6-Dinitro-2-methylphenol- |        | 0.115               | 0.122  | 0.128  | 0.130               | 0.134  | 0.126               | 6.0   |
| Anthracene-d10              | 0.853  | 0.848               | 0.892  | 0.874  | 0.831               |        | 0.860               | 2.8   |
| Pyrene-d10                  | 0.963  | 1.020               | 1.037  | 1.039  | 0.955               |        | 1.003               | 4.0   |
| Benzo(a)pyrene-d12          | 0.935  | 0.947               | 0.989  | 0.980  | 0.977               |        | 0.966               | 2.4   |
| N-Nitroso-di-n-propylamine  | 1.248  | 1.484               | 1.518  | 1.488  | 1.446               |        | 1.437               | 7.6   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 13:32

Instrument ID: BNA\_G 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    | 53454               | 7.841 | 252685              | 10.63  | 247281              | 14.47  |
|    | UPPER LIMIT    | 106908              | 8.341 | 505370              | 11.126 | 494562              | 14.974 |
|    | LOWER LIMIT    | 26727               | 7.341 | 126342.5            | 10.126 | 123640.5            | 13.974 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK721        | 99794               | 7.84  | 436069              | 10.62  | 393919              | 14.48  |
| 02 | A4EE1          | 98888               | 7.84  | 451898              | 10.63  | 399344              | 14.47  |
| 03 | C0PI7          | 96546               | 7.84  | 429419              | 10.63  | 375625              | 14.47  |
| 04 | CC0P0          | 99811               | 7.84  | 444725              | 10.63  | 398216              | 14.48  |
| 05 | CC0P2          | 103581              | 7.84  | 493031              | 10.63  | 426078              | 14.48  |
| 06 | CC0P4          | 100470              | 7.83  | 451732              | 10.63  | 399937              | 14.47  |
| 07 | SBLK573        | 96762               | 7.84  | 458550              | 10.63  | 407829              | 14.47  |
| 08 | C0CD9          | 100192              | 7.84  | 473450              | 10.63  | 418934              | 14.48  |
| 09 | C0CF3          | 100503              | 7.84  | 463977              | 10.63  | 396219              | 14.48  |
| 10 | C0CD2          | 102220              | 7.84  | 486668              | 10.63  | 423964              | 14.47  |
| 11 | CC0Q2          | 94564               | 7.84  | 435954              | 10.63  | 389468              | 14.47  |
| 12 | CC0Q3          | 95217               | 7.84  | 428049              | 10.63  | 376552              | 14.47  |
| 13 | C0CD3          | 101835              | 7.84  | 469444              | 10.63  | 417961              | 14.47  |
| 14 | C0CD1          | 107703 *            | 7.84  | 500681              | 10.63  | 437369              | 14.47  |
| 15 | C0CF9          | 103391              | 7.84  | 468944              | 10.63  | 410835              | 14.47  |
| 16 | C0CF6          | 104926              | 7.84  | 477264              | 10.63  | 422155              | 14.47  |
| 17 | C0CE0          | 102689              | 7.84  | 495079              | 10.63  | 441416              | 14.48  |
| 18 | C0CQ0          | 98891               | 7.84  | 463771              | 10.63  | 410032              | 14.48  |
| 19 | SLCS573        | 102833              | 7.84  | 472209              | 10.63  | 424284              | 14.48  |
| 20 | SLCS682        | 116311 *            | 7.84  | 534617 *            | 10.62  | 452349              | 14.48  |
| 21 | SLCS721        | 100199              | 7.84  | 461520              | 10.63  | 402969              | 14.48  |
| 22 | SBLK571        | 108482 *            | 7.84  | 512547 *            | 10.63  | 459095              | 14.48  |
| 23 | A4EE7          | 109962 *            | 7.83  | 526615 *            | 10.63  | 461389              | 14.47  |



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 06:02

Instrument ID: BNA\_G 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    | 53454               | 7.841 | 252685              | 10.63  | 247281              | 14.47  |
|    | UPPER LIMIT    | 106908              | 8.341 | 505370              | 11.126 | 494562              | 14.974 |
|    | LOWER LIMIT    | 26727               | 7.341 | 126342.5            | 10.126 | 123640.5            | 13.974 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 24 | A4EE8          | 119308 *            | 7.84  | 557010 *            | 10.62  | 468918              | 14.47  |
| 25 | A4EE8MS        | 125796 *            | 7.84  | 573962 *            | 10.63  | 478942              | 14.48  |
| 26 | A4EE8MSD       | 119269 *            | 7.84  | 543320 *            | 10.62  | 456471              | 14.48  |
| 27 | A4EF0          | 129899 *            | 7.83  | 587315 *            | 10.62  | 484382              | 14.47  |
| 28 | A4EC0          | 119528 *            | 7.84  | 558277 *            | 10.63  | 477094              | 14.48  |
| 29 | BHK69          | 129445 *            | 7.84  | 589961 *            | 10.62  | 506420 *            | 14.47  |
| 30 | BHK69MS        | 126311 *            | 7.84  | 578167 *            | 10.63  | 509616 *            | 14.48  |
| 31 | C0CG0          | 125329 *            | 7.84  | 568343 *            | 10.63  | 499298 *            | 14.47  |
| 32 | C0CF7          | 131370 *            | 7.84  | 590639 *            | 10.63  | 515597 *            | 14.47  |
| 33 | C0CF2          | 123813 *            | 7.84  | 573896 *            | 10.62  | 505294 *            | 14.47  |
| 34 | BHK69MSD       | 120346 *            | 7.84  | 559819 *            | 10.63  | 481931              | 14.48  |
| 35 | SLCS571        | 124154 *            | 7.84  | 556775 *            | 10.63  | 483412              | 14.48  |
| 36 | SBLK616        | 137601 *            | 7.84  | 619346 *            | 10.63  | 537839 *            | 14.47  |
| 37 | SBLK770        | 134389 *            | 7.83  | 627490 *            | 10.62  | 529765 *            | 14.47  |
| 38 | C0B86          | 142065 *            | 7.83  | 672261 *            | 10.63  | 539889 *            | 14.47  |
| 39 | C0B88          | 139461 *            | 7.83  | 630128 *            | 10.62  | 538929 *            | 14.47  |
| 40 | GCP55          | 141795 *            | 7.84  | 641375 *            | 10.62  | 539826 *            | 14.47  |
| 41 | GCP56          | 122035 *            | 7.84  | 574380 *            | 10.63  | 494811 *            | 14.47  |
| 42 | GCP57          | 130986 *            | 7.84  | 620513 *            | 10.62  | 529157 *            | 14.47  |
| 43 | GCP58          | 127584 *            | 7.84  | 624263 *            | 10.62  | 532213 *            | 14.47  |
| 44 | GCP59          | 135071 *            | 7.84  | 624465 *            | 10.62  | 539280 *            | 14.47  |
| 45 | GCP60          | 125940 *            | 7.83  | 588356 *            | 10.62  | 528766 *            | 14.47  |
| 46 | GCP61          | 130746 *            | 7.84  | 613820 *            | 10.62  | 538406 *            | 14.48  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 21:48

Instrument ID: BNA\_G 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    | 53454               | 7.841 | 252685              | 10.63  | 247281              | 14.47  |
| UPPER LIMIT    | 106908              | 8.341 | 505370              | 11.126 | 494562              | 14.974 |
| LOWER LIMIT    | 26727               | 7.341 | 126342.5            | 10.126 | 123640.5            | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 47 SLCS770     | 136421 *            | 7.84  | 648203 *            | 10.63  | 558127 *            | 14.48  |
| 48 SLCS616     | 130810 *            | 7.83  | 601561 *            | 10.63  | 527080 *            | 14.47  |
| 49 SBLK772     | 132584 *            | 7.83  | 630332 *            | 10.62  | 553922 *            | 14.47  |
| 50 GCP62       | 132485 *            | 7.84  | 609197 *            | 10.62  | 501146 *            | 14.47  |
| 51 SLCS772     | 138589 *            | 7.83  | 656529 *            | 10.63  | 562216 *            | 14.47  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020520 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063225.D Time Analyzed: 13:32

Instrument ID: BNA\_G 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    | 95101               | 7.835 | 419078              | 10.63  | 374413              | 14.47  |
| UPPER LIMIT    | 190202              | 8.335 | 838156              | 11.125 | 748826              | 14.974 |
| LOWER LIMIT    | 47550.5             | 7.335 | 209539              | 10.125 | 187206.5            | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK721     | 99794               | 7.84  | 436069              | 10.62  | 393919              | 14.48  |
| 02 A4EE1       | 98888               | 7.84  | 451898              | 10.63  | 399344              | 14.47  |
| 03 C0PI7       | 96546               | 7.84  | 429419              | 10.63  | 375625              | 14.47  |
| 04 CC0P0       | 99811               | 7.84  | 444725              | 10.63  | 398216              | 14.48  |
| 05 CC0P2       | 103581              | 7.84  | 493031              | 10.63  | 426078              | 14.48  |
| 06 CC0P4       | 100470              | 7.83  | 451732              | 10.63  | 399937              | 14.47  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020521 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063232.D Time Analyzed: 17:59

Instrument ID: BNA\_G 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    | 97148               | 7.841 | 443834              | 10.63  | 379031              | 14.48  |
| UPPER LIMIT    | 194296              | 8.341 | 887668              | 11.126 | 758062              | 14.975 |
| LOWER LIMIT    | 48574               | 7.341 | 221917              | 10.126 | 189515.5            | 13.975 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK573     | 96762               | 7.84  | 458550              | 10.63  | 407829              | 14.47  |
| 02 C0CD9       | 100192              | 7.84  | 473450              | 10.63  | 418934              | 14.48  |
| 03 C0CF3       | 100503              | 7.84  | 463977              | 10.63  | 396219              | 14.48  |
| 04 C0CD2       | 102220              | 7.84  | 486668              | 10.63  | 423964              | 14.47  |
| 05 CC0Q2       | 94564               | 7.84  | 435954              | 10.63  | 389468              | 14.47  |
| 06 CC0Q3       | 95217               | 7.84  | 428049              | 10.63  | 376552              | 14.47  |
| 07 C0CD3       | 101835              | 7.84  | 469444              | 10.63  | 417961              | 14.47  |
| 08 C0CD1       | 107703              | 7.84  | 500681              | 10.63  | 437369              | 14.47  |
| 09 C0CF9       | 103391              | 7.84  | 468944              | 10.63  | 410835              | 14.47  |
| 10 C0CF6       | 104926              | 7.84  | 477264              | 10.63  | 422155              | 14.47  |
| 11 C0CE0       | 102689              | 7.84  | 495079              | 10.63  | 441416              | 14.48  |
| 12 C0CQ0       | 98891               | 7.84  | 463771              | 10.63  | 410032              | 14.48  |
| 13 SLCS573     | 102833              | 7.84  | 472209              | 10.63  | 424284              | 14.48  |
| 14 SLCS682     | 116311              | 7.84  | 534617              | 10.62  | 452349              | 14.48  |
| 15 SLCS721     | 100199              | 7.84  | 461520              | 10.63  | 402969              | 14.48  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020522 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063248.D Time Analyzed: 04:46

Instrument ID: BNA\_G 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    | 101947              | 7.835 | 459209              | 10.63  | 392553              | 14.47  |
| UPPER LIMIT    | 203894              | 8.335 | 918418              | 11.125 | 785106              | 14.974 |
| LOWER LIMIT    | 50973.5             | 7.335 | 229604.5            | 10.125 | 196276.5            | 13.974 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK571     | 108482              | 7.84  | 512547              | 10.63  | 459095              | 14.48  |
| 02 A4EE7       | 109962              | 7.83  | 526615              | 10.63  | 461389              | 14.47  |
| 03 A4EE8       | 119308              | 7.84  | 557010              | 10.62  | 468918              | 14.47  |
| 04 A4EE8MS     | 125796              | 7.84  | 573962              | 10.63  | 478942              | 14.48  |
| 05 A4EE8MSD    | 119269              | 7.84  | 543320              | 10.62  | 456471              | 14.48  |
| 06 A4EF0       | 129899              | 7.83  | 587315              | 10.62  | 484382              | 14.47  |
| 07 A4EC0       | 119528              | 7.84  | 558277              | 10.63  | 477094              | 14.48  |
| 08 BHK69       | 129445              | 7.84  | 589961              | 10.62  | 506420              | 14.47  |
| 09 BHK69MS     | 126311              | 7.84  | 578167              | 10.63  | 509616              | 14.48  |
| 10 C0CG0       | 125329              | 7.84  | 568343              | 10.63  | 499298              | 14.47  |
| 11 C0CF7       | 131370              | 7.84  | 590639              | 10.63  | 515597              | 14.47  |
| 12 C0CF2       | 123813              | 7.84  | 573896              | 10.62  | 505294              | 14.47  |
| 13 BHK69MSD    | 120346              | 7.84  | 559819              | 10.63  | 481931              | 14.48  |
| 14 SLCS571     | 124154              | 7.84  | 556775              | 10.63  | 483412              | 14.48  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020523 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063263.D Time Analyzed: 14:52

Instrument ID: BNA\_G 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    | 102754              | 7.833 | 486943              | 10.62  | 409678              | 14.47  |
| UPPER LIMIT    | 205508              | 8.333 | 973886              | 11.123 | 819356              | 14.972 |
| LOWER LIMIT    | 51377               | 7.333 | 243471.5            | 10.123 | 204839              | 13.972 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK616     | 137601              | 7.84  | 619346              | 10.63  | 537839              | 14.47  |
| 02 SBLK770     | 134389              | 7.83  | 627490              | 10.62  | 529765              | 14.47  |
| 03 C0B86       | 142065              | 7.83  | 672261              | 10.63  | 539889              | 14.47  |
| 04 C0B88       | 139461              | 7.83  | 630128              | 10.62  | 538929              | 14.47  |
| 05 GCP55       | 141795              | 7.84  | 641375              | 10.62  | 539826              | 14.47  |
| 06 GCP56       | 122035              | 7.84  | 574380              | 10.63  | 494811              | 14.47  |
| 07 GCP57       | 130986              | 7.84  | 620513              | 10.62  | 529157              | 14.47  |
| 08 GCP58       | 127584              | 7.84  | 624263              | 10.62  | 532213              | 14.47  |
| 09 GCP59       | 135071              | 7.84  | 624465              | 10.62  | 539280              | 14.47  |
| 10 GCP60       | 125940              | 7.83  | 588356              | 10.62  | 528766              | 14.47  |
| 11 GCP61       | 130746              | 7.84  | 613820              | 10.62  | 538406              | 14.48  |
| 12 SLCS770     | 136421              | 7.84  | 648203              | 10.63  | 558127              | 14.48  |
| 13 SLCS616     | 130810              | 7.83  | 601561              | 10.63  | 527080              | 14.47  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020524 Date Analyzed: Nov 10 2024 12:00AM

Lab File ID: BG063277.D Time Analyzed: 00:20

Instrument ID: BNA\_G 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    | 126005              | 7.835 | 567875              | 10.62 | 483233              | 14.48  |
| UPPER LIMIT    | 252010              | 8.335 | 1135750             | 11.12 | 966466              | 14.975 |
| LOWER LIMIT    | 63002.5             | 7.335 | 283937.5            | 10.12 | 241616.5            | 13.975 |
| EPA SAMPLE NO. |                     |       |                     |       |                     |        |
| 01 SBLK772     | 132584              | 7.83  | 630332              | 10.62 | 553922              | 14.47  |
| 02 GCP62       | 132485              | 7.84  | 609197              | 10.62 | 501146              | 14.47  |
| 03 SLCS772     | 138589              | 7.83  | 656529              | 10.63 | 562216              | 14.47  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 13:32

Instrument ID: BNA\_G 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    | 683916              | 17.224 | 813458              | 21.478 | 863582              | 24.516 |
|    | UPPER LIMIT    | 1367832             | 17.724 | 1626916             | 21.978 | 1727164             | 25.016 |
|    | LOWER LIMIT    | 341958              | 16.724 | 406729              | 20.978 | 431791              | 24.016 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK721        | 986890              | 17.23  | 1.03806e+           | 21.48  | 1.09465e+           | 24.52  |
| 02 | A4EE1          | 984709              | 17.22  | 1.00535e+           | 21.48  | 1.08207e+           | 24.51  |
| 03 | C0PI7          | 940879              | 17.22  | 952773              | 21.48  | 997325              | 24.52  |
| 04 | CC0P0          | 953947              | 17.23  | 961532              | 21.48  | 1.02069e+           | 24.52  |
| 05 | CC0P2          | 1.04404             | 17.23  | 1.04619e+           | 21.48  | 1.11927e+           | 24.52  |
| 06 | CC0P4          | 977018              | 17.22  | 956069              | 21.48  | 1.03122e+           | 24.52  |
| 07 | SBLK573        | 1.00506             | 17.23  | 1.0271e+0           | 21.48  | 1.07807e+           | 24.52  |
| 08 | C0CD9          | 1.01333             | 17.23  | 1.03029e+           | 21.48  | 1.09348e+           | 24.52  |
| 09 | C0CF3          | 975163              | 17.23  | 1.00501e+           | 21.48  | 1.05836e+           | 24.51  |
| 10 | C0CD2          | 1.02444             | 17.22  | 1.03534e+           | 21.48  | 1.10128e+           | 24.52  |
| 11 | CC0Q2          | 954318              | 17.23  | 953456              | 21.48  | 1.01815e+           | 24.51  |
| 12 | CC0Q3          | 907448              | 17.22  | 881185              | 21.48  | 969878              | 24.52  |
| 13 | C0CD3          | 1.02123             | 17.22  | 1.03053e+           | 21.48  | 1.0881e+0           | 24.52  |
| 14 | C0CD1          | 1.0729e             | 17.22  | 1.08954e+           | 21.48  | 1.13797e+           | 24.52  |
| 15 | C0CF9          | 1.00338             | 17.22  | 1.04314e+           | 21.48  | 1.09315e+           | 24.52  |
| 16 | C0CF6          | 1.00595             | 17.22  | 1.04398e+           | 21.48  | 1.09211e+           | 24.51  |
| 17 | C0CE0          | 1.0464e             | 17.23  | 1.09087e+           | 21.48  | 1.15497e+           | 24.52  |
| 18 | C0CQ0          | 989033              | 17.23  | 985251              | 21.48  | 1.0599e+0           | 24.51  |
| 19 | SLCS573        | 1.05938             | 17.22  | 1.08835e+           | 21.48  | 1.13502e+           | 24.51  |
| 20 | SLCS682        | 1.1045e             | 17.23  | 1.11635e+           | 21.48  | 1.14935e+           | 24.52  |
| 21 | SLCS721        | 1.01302             | 17.23  | 1.02996e+           | 21.48  | 1.07902e+           | 24.51  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 04:46

Instrument ID: BNA\_G 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    | 683916              | 17.224 | 813458              | 21.478 | 863582              | 24.516 |
|    | UPPER LIMIT    | 1367832             | 17.724 | 1626916             | 21.978 | 1727164             | 25.016 |
|    | LOWER LIMIT    | 341958              | 16.724 | 406729              | 20.978 | 431791              | 24.016 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 | SBLK571        | 1.13707             | 17.23  | 1.1575e+0           | 21.48  | 1.24031e+           | 24.51  |
| 23 | A4EE7          | 1.09129             | 17.22  | 1.07266e+           | 21.48  | 1.17975e+           | 24.52  |
| 24 | A4EE8          | 1.10609             | 17.22  | 1.08568e+           | 21.48  | 1.16058e+           | 24.51  |
| 25 | A4EE8MS        | 1.11327             | 17.22  | 1.09767e+           | 21.48  | 1.17405e+           | 24.52  |
| 26 | A4EE8MSD       | 1.03368             | 17.23  | 1.02156e+           | 21.48  | 1.08143e+           | 24.51  |
| 27 | A4EF0          | 1.10711             | 17.23  | 1.0907e+0           | 21.48  | 1.16302e+           | 24.51  |
| 28 | A4EC0          | 1.06332             | 17.23  | 1.04392e+           | 21.48  | 1.11679e+           | 24.51  |
| 29 | BHK69          | 1.17417             | 17.23  | 1.15483e+           | 21.48  | 1.23988e+           | 24.51  |
| 30 | BHK69MS        | 1.16185             | 17.22  | 1.12421e+           | 21.48  | 1.18026e+           | 24.52  |
| 31 | C0CG0          | 1.13879             | 17.22  | 1.13732e+           | 21.48  | 1.2136e+0           | 24.52  |
| 32 | C0CF7          | 1.18316             | 17.22  | 1.18814e+           | 21.48  | 1.23815e+           | 24.52  |
| 33 | C0CF2          | 1.15995             | 17.23  | 1.16722e+           | 21.47  | 1.22705e+           | 24.51  |
| 34 | BHK69MSD       | 1.10424             | 17.23  | 1.11159e+           | 21.48  | 1.15995e+           | 24.52  |
| 35 | SLCS571        | 1.11263             | 17.23  | 1.14147e+           | 21.48  | 1.1922e+0           | 24.51  |
| 36 | SBLK616        | 1.23856             | 17.22  | 1.26307e+           | 21.48  | 1.36931e+           | 24.51  |
| 37 | SBLK770        | 1.23116             | 17.22  | 1.25837e+           | 21.48  | 1.33569e+           | 24.51  |
| 38 | C0B86          | 1.23535             | 17.22  | 1.30634e+           | 21.48  | 1.37313e+           | 24.51  |
| 39 | C0B88          | 1.22469             | 17.22  | 1.25187e+           | 21.48  | 1.32539e+           | 24.51  |
| 40 | GCP55          | 1.27315             | 17.22  | 1.28815e+           | 21.48  | 1.36641e+           | 24.51  |
| 41 | GCP56          | 1.11711             | 17.23  | 1.15035e+           | 21.47  | 1.19982e+           | 24.51  |
| 42 | GCP57          | 1.1973e             | 17.23  | 1.23913e+           | 21.47  | 1.29702e+           | 24.51  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020412 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063167.D Time Analyzed: 19:17

Instrument ID: BNA\_G 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    | 683916              | 17.224 | 813458              | 21.478 | 863582              | 24.516 |
| UPPER LIMIT    | 1367832             | 17.724 | 1626916             | 21.978 | 1727164             | 25.016 |
| LOWER LIMIT    | 341958              | 16.724 | 406729              | 20.978 | 431791              | 24.016 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 43 GCP58       | 1.21195             | 17.22  | 1.23666e+           | 21.47  | 1.29455e+           | 24.51  |
| 44 GCP59       | 1.24281             | 17.22  | 1.24692e+           | 21.47  | 1.36551e+           | 24.51  |
| 45 GCP60       | 1.22214             | 17.22  | 1.24678e+           | 21.48  | 1.35263e+           | 24.51  |
| 46 GCP61       | 1.23383             | 17.23  | 1.26143e+           | 21.47  | 1.34908e+           | 24.51  |
| 47 SLCS770     | 1.28961             | 17.23  | 1.32244e+           | 21.48  | 1.37608e+           | 24.51  |
| 48 SLCS616     | 1.26045             | 17.22  | 1.29448e+           | 21.48  | 1.33707e+           | 24.52  |
| 49 SBLK772     | 1.31601             | 17.22  | 1.381e+00           | 21.47  | 1.45679e+           | 24.51  |
| 50 GCP62       | 1.15484             | 17.22  | 1.20401e+           | 21.47  | 1.2742e+0           | 24.51  |
| 51 SLCS772     | 1.33927             | 17.22  | 1.35621e+           | 21.48  | 1.4252e+0           | 24.51  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020520 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063225.D Time Analyzed: 13:32

Instrument ID: BNA\_G 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    | 944259              | 17.224 | 950580              | 21.483 | 1.00568e+01         | 24.515 |
| UPPER LIMIT    | 1888518             | 17.724 | 1901160             | 21.983 | 2011360             | 25.015 |
| LOWER LIMIT    | 472129.5            | 16.724 | 475290              | 20.983 | 502840              | 24.015 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK721     | 986890              | 17.23  | 1.03806e+           | 21.48  | 1.09465e+           | 24.52  |
| 02 A4EE1       | 984709              | 17.22  | 1.00535e+           | 21.48  | 1.08207e+           | 24.51  |
| 03 C0PI7       | 940879              | 17.22  | 952773              | 21.48  | 997325              | 24.52  |
| 04 CC0P0       | 953947              | 17.23  | 961532              | 21.48  | 1.02069e+           | 24.52  |
| 05 CC0P2       | 1.04404             | 17.23  | 1.04619e+           | 21.48  | 1.11927e+           | 24.52  |
| 06 CC0P4       | 977018              | 17.22  | 956069              | 21.48  | 1.03122e+           | 24.52  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020521 Date Analyzed: Nov 8 2024 12:00AM

Lab File ID: BG063232.D Time Analyzed: 17:59

Instrument ID: BNA\_G 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    | 921597              | 17.224 | 950344              | 21.484 | 998577              | 24.522 |
|    | UPPER LIMIT    | 1843194             | 17.724 | 1900688             | 21.984 | 1997154             | 25.022 |
|    | LOWER LIMIT    | 460798.5            | 16.724 | 475172              | 20.984 | 499288.5            | 24.022 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK573        | 1.00506             | 17.23  | 1.0271e+0           | 21.48  | 1.07807e+           | 24.52  |
| 02 | C0CD9          | 1.01333             | 17.23  | 1.03029e+           | 21.48  | 1.09348e+           | 24.52  |
| 03 | C0CF3          | 975163              | 17.23  | 1.00501e+           | 21.48  | 1.05836e+           | 24.51  |
| 04 | C0CD2          | 1.02444             | 17.22  | 1.03534e+           | 21.48  | 1.10128e+           | 24.52  |
| 05 | CC0Q2          | 954318              | 17.23  | 953456              | 21.48  | 1.01815e+           | 24.51  |
| 06 | CC0Q3          | 907448              | 17.22  | 881185              | 21.48  | 969878              | 24.52  |
| 07 | C0CD3          | 1.02123             | 17.22  | 1.03053e+           | 21.48  | 1.0881e+0           | 24.52  |
| 08 | C0CD1          | 1.0729e             | 17.22  | 1.08954e+           | 21.48  | 1.13797e+           | 24.52  |
| 09 | C0CF9          | 1.00338             | 17.22  | 1.04314e+           | 21.48  | 1.09315e+           | 24.52  |
| 10 | C0CF6          | 1.00595             | 17.22  | 1.04398e+           | 21.48  | 1.09211e+           | 24.51  |
| 11 | C0CE0          | 1.0464e             | 17.23  | 1.09087e+           | 21.48  | 1.15497e+           | 24.52  |
| 12 | C0CQ0          | 989033              | 17.23  | 985251              | 21.48  | 1.0599e+0           | 24.51  |
| 13 | SLCS573        | 1.05938             | 17.22  | 1.08835e+           | 21.48  | 1.13502e+           | 24.51  |
| 14 | SLCS682        | 1.1045e             | 17.23  | 1.11635e+           | 21.48  | 1.14935e+           | 24.52  |
| 15 | SLCS721        | 1.01302             | 17.23  | 1.02996e+           | 21.48  | 1.07902e+           | 24.51  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020521 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063232.D Time Analyzed: 02:52

Instrument ID: BNA\_G 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    | 921597              | 17.224 | 950344              | 21.484 | 998577              | 24.522 |
| UPPER LIMIT    | 1843194             | 17.724 | 1900688             | 21.984 | 1997154             | 25.022 |
| LOWER LIMIT    | 460798.5            | 16.724 | 475172              | 20.984 | 499288.5            | 24.022 |
| 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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020522 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063248.D Time Analyzed: 04:46

Instrument ID: BNA\_G 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    | 971101              | 17.224 | 1.00152e+           | 21.477 | 1.0582e+00          | 24.509 |
| UPPER LIMIT    | 1942202             | 17.724 | 2003040             | 21.977 | 2116400             | 25.009 |
| LOWER LIMIT    | 485550.5            | 16.724 | 500760              | 20.977 | 529100              | 24.009 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK571     | 1.13707             | 17.23  | 1.1575e+0           | 21.48  | 1.24031e+           | 24.51  |
| 02 A4EE7       | 1.09129             | 17.22  | 1.07266e+           | 21.48  | 1.17975e+           | 24.52  |
| 03 A4EE8       | 1.10609             | 17.22  | 1.08568e+           | 21.48  | 1.16058e+           | 24.51  |
| 04 A4EE8MS     | 1.11327             | 17.22  | 1.09767e+           | 21.48  | 1.17405e+           | 24.52  |
| 05 A4EE8MSD    | 1.03368             | 17.23  | 1.02156e+           | 21.48  | 1.08143e+           | 24.51  |
| 06 A4EF0       | 1.10711             | 17.23  | 1.0907e+0           | 21.48  | 1.16302e+           | 24.51  |
| 07 A4EC0       | 1.06332             | 17.23  | 1.04392e+           | 21.48  | 1.11679e+           | 24.51  |
| 08 BHK69       | 1.17417             | 17.23  | 1.15483e+           | 21.48  | 1.23988e+           | 24.51  |
| 09 BHK69MS     | 1.16185             | 17.22  | 1.12421e+           | 21.48  | 1.18026e+           | 24.52  |
| 10 C0CG0       | 1.13879             | 17.22  | 1.13732e+           | 21.48  | 1.2136e+0           | 24.52  |
| 11 C0CF7       | 1.18316             | 17.22  | 1.18814e+           | 21.48  | 1.23815e+           | 24.52  |
| 12 C0CF2       | 1.15995             | 17.23  | 1.16722e+           | 21.47  | 1.22705e+           | 24.51  |
| 13 BHK69MSD    | 1.10424             | 17.23  | 1.11159e+           | 21.48  | 1.15995e+           | 24.52  |
| 14 SLCS571     | 1.11263             | 17.23  | 1.14147e+           | 21.48  | 1.1922e+0           | 24.51  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020523 Date Analyzed: Nov 9 2024 12:00AM

Lab File ID: BG063263.D Time Analyzed: 14:52

Instrument ID: BNA\_G 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    | 965489              | 17.222 | 985854              | 21.475 | 1.0397e+00          | 24.513 |
| UPPER LIMIT    | 1930978             | 17.722 | 1971708             | 21.975 | 2079400             | 25.013 |
| LOWER LIMIT    | 482744.5            | 16.722 | 492927              | 20.975 | 519850              | 24.013 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK616     | 1.23856             | 17.22  | 1.26307e+           | 21.48  | 1.36931e+           | 24.51  |
| 02 SBLK770     | 1.23116             | 17.22  | 1.25837e+           | 21.48  | 1.33569e+           | 24.51  |
| 03 C0B86       | 1.23535             | 17.22  | 1.30634e+           | 21.48  | 1.37313e+           | 24.51  |
| 04 C0B88       | 1.22469             | 17.22  | 1.25187e+           | 21.48  | 1.32539e+           | 24.51  |
| 05 GCP55       | 1.27315             | 17.22  | 1.28815e+           | 21.48  | 1.36641e+           | 24.51  |
| 06 GCP56       | 1.11711             | 17.23  | 1.15035e+           | 21.47  | 1.19982e+           | 24.51  |
| 07 GCP57       | 1.1973e             | 17.23  | 1.23913e+           | 21.47  | 1.29702e+           | 24.51  |
| 08 GCP58       | 1.21195             | 17.22  | 1.23666e+           | 21.47  | 1.29455e+           | 24.51  |
| 09 GCP59       | 1.24281             | 17.22  | 1.24692e+           | 21.47  | 1.36551e+           | 24.51  |
| 10 GCP60       | 1.22214             | 17.22  | 1.24678e+           | 21.48  | 1.35263e+           | 24.51  |
| 11 GCP61       | 1.23383             | 17.23  | 1.26143e+           | 21.47  | 1.34908e+           | 24.51  |
| 12 SLCS770     | 1.28961             | 17.23  | 1.32244e+           | 21.48  | 1.37608e+           | 24.51  |
| 13 SLCS616     | 1.26045             | 17.22  | 1.29448e+           | 21.48  | 1.33707e+           | 24.52  |

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.: BG110824 SAS No.: BG110824 SDG NO.: BG110824

EPA Sample No.: SSTD020524 Date Analyzed: Nov 10 2024 12:00AM

Lab File ID: BG063277.D Time Analyzed: 00:20

Instrument ID: BNA\_G 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    | 1.13682e+01         | 17.224 | 1.1928e+01          | 21.478 | 1.24263e+01         | 24.51 |
| UPPER LIMIT    | 2273640             | 17.724 | 2385600             | 21.978 | 2485260             | 25.01 |
| LOWER LIMIT    | 568410              | 16.724 | 596400              | 20.978 | 621315              | 24.01 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 SBLK772     | 1.31601             | 17.22  | 1.381e+00           | 21.47  | 1.45679e+           | 24.51 |
| 02 GCP62       | 1.15484             | 17.22  | 1.20401e+           | 21.47  | 1.2742e+0           | 24.51 |
| 03 SLCS772     | 1.33927             | 17.22  | 1.35621e+           | 21.48  | 1.4252e+0           | 24.51 |

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.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB164571BS    | 1,4-Dioxane                 | 16    | 8.7    | ug/L | 54  |     |      |      | 0   | 0      |     |
|               | Benzaldehyde                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Pyridine                    | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |     |
|               | Phenol                      | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2-Chlorophenol              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Acetophenone                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Hexachloroethane            | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Nitrobenzene                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2-Nitrophenol               | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2,4-Dimethylphenol          | 40    | 20     | ug/L | 50  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 2,4-Dichlorophenol          | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |
|               | Naphthalene                 | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 4-Chloroaniline             | 40    | 21     | ug/L | 52  |     |      |      | 0   | 0      |     |
|               | Hexachlorobutadiene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Caprolactam                 | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | 4-Chloro-3-methylphenol     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 1-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2-Methylnaphthalene         | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Hexachlorocyclopentadiene   | 40    | 16     | ug/L | 40  |     |      |      | 0   | 0      |     |
|               | 2,4,6-Trichlorophenol       | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2,4,5-Trichlorophenol       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | 1,1'-Biphenyl               | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2-Chloronaphthalene         | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2-Nitroaniline              | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2,6-Dinitrotoluene          | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Acenaphthylene              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 3-Nitroaniline              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Acenaphthene                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrophenol           | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |     |
|               | 4-Nitrophenol               | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Dibenzofuran                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrotoluene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Fluorene                    | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG110824**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB164571BS    | 4,6-Dinitro-2-methylphenol | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 13     | ug/L | 33  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB164573BS    | 1,4-Dioxane                 | 16    | 10     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Benzaldehyde                | 40    | 14     | ug/L | 35  |     |      |      | 0   | 0      |     |
|               | Pyridine                    | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Phenol                      | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethyl)ether     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 2-Chlorophenol              | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |
|               | 2-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Acetophenone                | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Hexachloroethane            | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Nitrobenzene                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Isophorone                  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2-Nitrophenol               | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2,4-Dimethylphenol          | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dichlorophenol          | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |
|               | Naphthalene                 | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 4-Chloroaniline             | 40    | 18     | ug/L | 45  |     |      |      | 0   | 0      |     |
|               | Hexachlorobutadiene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Caprolactam                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 4-Chloro-3-methylphenol     | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 1-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Hexachlorocyclopentadiene   | 40    | 21     | ug/L | 52  |     |      |      | 0   | 0      |     |
|               | 2,4,6-Trichlorophenol       | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |     |
|               | 2,4,5-Trichlorophenol       | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |
|               | 1,1'-Biphenyl               | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2-Chloronaphthalene         | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 2-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Dimethylphthalate           | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2,6-Dinitrotoluene          | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Acenaphthylene              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | 3-Nitroaniline              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Acenaphthene                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrophenol           | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Dibenzofuran                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrotoluene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Fluorene                    | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 4-Nitroaniline              | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | RPD  |      | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     | Qual | Qual | Low    | High |     |
| PB164573BS    | 4,6-Dinitro-2-methylphenol | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164616BS    | 1,4-Dioxane                 | 530   | 320    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 130    | ug/Kg | 10  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 480    | ug/Kg | 37  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 470    | ug/Kg | 36  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164616BS    | 4,6-Dinitro-2-methylphenol | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164682BS    | 1,4-Dioxane                 | 530   | 380    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164682BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 670    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164721BS    | 1,4-Dioxane                 | 530   | 360    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 100    | ug/Kg | 8   |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 920    | ug/Kg | 71  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 420    | ug/Kg | 32  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 790    | ug/Kg | 61  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 740    | ug/Kg | 57  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 770    | ug/Kg | 59  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 780    | ug/Kg | 60  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 830    | ug/Kg | 64  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB164721BS    | 4,6-Dinitro-2-methylphenol | 1300  | 810    | ug/Kg | 62  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 910    | ug/Kg | 70  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 760    | ug/Kg | 58  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 900    | ug/Kg | 69  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 870    | ug/Kg | 67  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 880    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB164770BS    | 1,4-Dioxane                 | 16    | 9.2    | ug/L | 58  |     |      |      | 0   | 0      |     |
|               | Benzaldehyde                | 40    | 3.6    | ug/L | 9   |     |      |      | 0   | 0      |     |
|               | Pyridine                    | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Phenol                      | 40    | 30     | ug/L | 75  |     |      |      | 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    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Acetophenone                | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Hexachloroethane            | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Nitrobenzene                | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 2-Nitrophenol               | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dimethylphenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2,4-Dichlorophenol          | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Naphthalene                 | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 4-Chloroaniline             | 40    | 15     | ug/L | 38  |     |      |      | 0   | 0      |     |
|               | Hexachlorobutadiene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Caprolactam                 | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | 4-Chloro-3-methylphenol     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 1-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 2-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Hexachlorocyclopentadiene   | 40    | 17     | ug/L | 43  |     |      |      | 0   | 0      |     |
|               | 2,4,6-Trichlorophenol       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | 2,4,5-Trichlorophenol       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | 1,1'-Biphenyl               | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2-Chloronaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2-Nitroaniline              | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Dimethylphthalate           | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 2,6-Dinitrotoluene          | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Acenaphthylene              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 3-Nitroaniline              | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Acenaphthene                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrophenol           | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | 4-Nitrophenol               | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Dibenzofuran                | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrotoluene          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Diethylphthalate            | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |
|               | Fluorene                    | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 4-Nitroaniline              | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG110824**

Client:

Analytical Method: **SFAM\_SVOC**

DataFile:

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   | RPD |
| PB164770BS    | 4,6-Dinitro-2-methylphenol | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | N-Nitrosodiphenylamine     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 4-Bromophenyl-phenylether  | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Hexachlorobenzene          | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Atrazine                   | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Pentachlorophenol          | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Phenanthrene               | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Pentachlorobenzene         | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |     |
|               | Anthracene                 | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 36     | ug/L | 90  |     |      |      | 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    | 35     | ug/L | 88  |     |      |      | 0   | 0      |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 30     | ug/L | 75  |     |      |      | 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    | 35     | ug/L | 88  |     |      |      | 0   | 0      |     |
|               | Di-n-octylphthalate        | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |     |
|               | Benzo(b)fluoranthene       | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |     |
|               | Benzo(k)fluoranthene       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Benzo(a)pyrene             | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Dibenzo(a,h)anthracene     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | Benzo(g,h,i)perylene       | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB164772BS    | 1,4-Dioxane                 | 16    | 9.2    | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 3.5    | ug/L | 9   |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 23     | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 13     | ug/L | 33  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 23     | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 16     | ug/L | 40  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 23     | ug/L | 58  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB164772BS    | 4,6-Dinitro-2-methylphenol | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK571

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063249.D

Lab Sample ID: PB164571BL

Instrument ID: BNA\_G

Date Extracted: 10/31/2024

Matrix: (soil/water) Water

Date Analyzed: 11/09/2024

Level: (low/med) LOW

Time Analyzed: 04:46

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 |
|-------------------|------------------|----------------|------------------|
| PB164571BS        | PB164571BS       | BG063262.D     | 11/09/2024       |
| C0CD9             | P4627-11         | BG063234.D     | 11/08/2024       |
| C0CD3             | P4627-10         | BG063239.D     | 11/08/2024       |
| C0CQ0             | P4627-06         | BG063244.D     | 11/09/2024       |
| C0CG0             | P4627-05         | BG063258.D     | 11/09/2024       |
| C0CF7             | P4627-07         | BG063259.D     | 11/09/2024       |
| C0CF2             | P4627-08         | BG063260.D     | 11/09/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK573

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063233.D

Lab Sample ID: PB164573BL

Instrument ID: BNA\_G

Date Extracted: 10/31/2024

Matrix: (soil/water) Water

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 17:59

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 |
|-------------------|------------------|----------------|------------------|
| PB164573BS        | PB164573BS       | BG063245.D     | 11/09/2024       |
| C0CD1             | P4627-12         | BG063240.D     | 11/08/2024       |
| C0CF9             | P4627-17         | BG063241.D     | 11/08/2024       |
| C0CF6             | P4627-18         | BG063242.D     | 11/08/2024       |
| C0CE0             | P4627-19         | BG063243.D     | 11/09/2024       |
| C0CF3             | P4627-13         | BG063235.D     | 11/08/2024       |
| C0CD2             | P4627-14         | BG063236.D     | 11/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK616

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063264.D

Lab Sample ID: PB164616BL

Instrument ID: BNA\_G

Date Extracted: 11/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/09/2024

Level: (low/med) LOW

Time Analyzed: 14:52

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| A4EE7             | P4582-01         | BG063250.D     | 11/09/2024       |
| A4EE8             | P4582-02         | BG063251.D     | 11/09/2024       |
| A4EE8MS           | P4582-03MS       | BG063252.D     | 11/09/2024       |
| A4EE8MSD          | P4582-04MSD      | BG063253.D     | 11/09/2024       |
| A4EF0             | P4582-05         | BG063254.D     | 11/09/2024       |
| A4EC0             | P4582-09         | BG063255.D     | 11/09/2024       |
| BHK69             | P4669-01         | BG063256.D     | 11/09/2024       |
| BHK69MS           | P4669-02MS       | BG063257.D     | 11/09/2024       |
| BHK69MSD          | P4669-03MSD      | BG063261.D     | 11/09/2024       |
| PB164616BS        | PB164616BS       | BG063276.D     | 11/09/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4EE1

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063227.D

Lab Sample ID: P4586-01

Instrument ID: BNA\_G

Date Extracted: 11/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 14:10

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 |
|-------------------|------------------|----------------|------------------|
| A4EE1             | P4586-01         | BG063227.D     | 11/08/2024       |
| PB164682BS        | PB164682BS       | BG063246.D     | 11/09/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK721

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063226.D

Lab Sample ID: PB164721BL

Instrument ID: BNA\_G

Date Extracted: 11/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/08/2024

Level: (low/med) LOW

Time Analyzed: 13:32

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 |
|-------------------|------------------|----------------|------------------|
| PB164721BS        | PB164721BS       | BG063247.D     | 11/09/2024       |
| C0PI7             | P4636-01         | BG063228.D     | 11/08/2024       |
| CC0P0             | P4636-02         | BG063229.D     | 11/08/2024       |
| CC0P2             | P4636-05         | BG063230.D     | 11/08/2024       |
| CC0P4             | P4636-06         | BG063231.D     | 11/08/2024       |
| CC0Q2             | P4636-10         | BG063237.D     | 11/08/2024       |
| CC0Q3             | P4636-11         | BG063238.D     | 11/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK770

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063265.D

Lab Sample ID: PB164770BL

Instrument ID: BNA\_G

Date Extracted: 11/07/2024

Matrix: (soil/water) Water

Date Analyzed: 11/09/2024

Level: (low/med) LOW

Time Analyzed: 15:30

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 |
|-------------------|------------------|----------------|------------------|
| C0B86             | P4729-03         | BG063266.D     | 11/09/2024       |
| C0B88             | P4729-05         | BG063267.D     | 11/09/2024       |
| GCP55             | P4744-01         | BG063268.D     | 11/09/2024       |
| GCP56             | P4744-02         | BG063269.D     | 11/09/2024       |
| GCP57             | P4744-03         | BG063270.D     | 11/09/2024       |
| PB164770BS        | PB164770BS       | BG063275.D     | 11/09/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK772

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG110824

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063278.D

Lab Sample ID: PB164772BL

Instrument ID: BNA\_G

Date Extracted: 11/07/2024

Matrix: (soil/water) Water

Date Analyzed: 11/10/2024

Level: (low/med) LOW

Time Analyzed: 00:20

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 |
|-------------------|------------------|----------------|------------------|
| GCP62             | P4744-08         | BG063279.D     | 11/10/2024       |
| PB164772BS        | PB164772BS       | BG063280.D     | 11/10/2024       |
| GCP58             | P4744-04         | BG063271.D     | 11/09/2024       |
| GCP59             | P4744-05         | BG063272.D     | 11/09/2024       |
| GCP60             | P4744-06         | BG063273.D     | 11/09/2024       |
| GCP61             | P4744-07         | BG063274.D     | 11/09/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result         | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|----------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4582-03MS</b> | <b>Client Sample ID:</b> | <b>A4EE8MS</b> |       |     |          | <b>DataFile:</b> | <b>BG063252.D</b> |     |             |     |
| 1,4-Dioxane                 | 620               |                          | 360            | ug/Kg | 58  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1600              |                          | 200            | ug/Kg | 13  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 1600              |                          | 590            | ug/Kg | 37  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1600              |                          | 960            | ug/Kg | 60  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1600              |                          | 720            | ug/Kg | 45  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1600              |                          | 1400           | ug/Kg | 88  |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 28  | 89          |     |
| Diethylphthalate            | 1600              |                          | 1000           | ug/Kg | 63  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 1600              |                          | 1100           | ug/Kg | 69  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1600              |                          | 1200           | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1600              |                          | 1300           | ug/Kg | 81  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Atrazine                   | 1600  |                  | 1100   | ug/Kg | 69  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 17  | 109            |     |
| Phenanthrene               | 1600  | 43               | 1300   | ug/Kg | 79  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 1600  |                  | 1400   | ug/Kg | 88  |             |     |             | 0   | 0              |     |
| Anthracene                 | 1600  |                  | 1200   | ug/Kg | 75  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 1600  |                  | 1500   | ug/Kg | 94  |             |     |             | 0   | 0              |     |
| Carbazole                  | 1600  |                  | 1200   | ug/Kg | 75  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 1600  |                  | 1200   | ug/Kg | 75  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 1600  | 100              | 1400   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Pyrene                     | 1600  | 85               | 1400   | ug/Kg | 82  |             |     |             | 35  | 142            |     |
| Butylbenzylphthalate       | 1600  |                  | 1400   | ug/Kg | 88  |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 1600  |                  | 960    | ug/Kg | 60  |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 1600  | 49               | 1300   | ug/Kg | 78  |             |     |             | 0   | 0              |     |
| Chrysene                   | 1600  | 53               | 1300   | ug/Kg | 78  |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 1600  |                  | 1400   | ug/Kg | 88  |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 1600  |                  | 1400   | ug/Kg | 88  |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 1600  | 64               | 1300   | ug/Kg | 77  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 1600  | 49               | 1300   | ug/Kg | 78  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 1600  |                  | 1300   | ug/Kg | 81  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 1600  |                  | 1200   | ug/Kg | 75  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result          | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4582-04MSD</b> | <b>Client Sample ID:</b> | <b>A4EE8MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG063253.D</b> |             |     |
| 1,4-Dioxane                 | 620                |                          | 440             | ug/Kg | 71  |          | 20  |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1600               |                          | 230             | ug/Kg | 14  |          | 7   | *                | 0                 | 0           | 0   |
| Pyridine                    | 1600               |                          | 1200            | ug/Kg | 75  |          | 17  | *                | 0                 | 0           | 0   |
| Phenol                      | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1600               |                          | 1300            | ug/Kg | 81  |          | 16  | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| Acetophenone                | 1600               |                          | 1200            | ug/Kg | 75  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1600               |                          | 1300            | ug/Kg | 81  |          | 16  | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1600               |                          | 1200            | ug/Kg | 75  |          | 8   |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1600               |                          | 1400            | ug/Kg | 88  |          | 8   | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| Isophorone                  | 1600               |                          | 1100            | ug/Kg | 69  |          | 9   | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1600               |                          | 1200            | ug/Kg | 75  |          | 17  | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1600               |                          | 1400            | ug/Kg | 88  |          | 8   | *                | 0                 | 0           | 0   |
| Naphthalene                 | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1600               |                          | 660             | ug/Kg | 41  |          | 10  | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1600               |                          | 1000            | ug/Kg | 63  |          | 5   | *                | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1600               |                          | 1300            | ug/Kg | 81  |          | 16  |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1600               |                          | 1300            | ug/Kg | 81  |          | 16  | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1600               |                          | 790             | ug/Kg | 49  |          | 9   | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1600               |                          | 1500            | ug/Kg | 94  |          | 7   | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1600               |                          | 1500            | ug/Kg | 94  |          | 15  | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1600               |                          | 1400            | ug/Kg | 88  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1600               |                          | 1400            | ug/Kg | 88  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 1600               |                          | 1200            | ug/Kg | 75  |          | 17  | *                | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1600               |                          | 1400            | ug/Kg | 88  |          | 16  |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1600               |                          | 1100            | ug/Kg | 69  |          | 9   | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1600               |                          | 1200            | ug/Kg | 75  |          | 17  |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1600               |                          | 1200            | ug/Kg | 75  |          | 8   |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1600               |                          | 1100            | ug/Kg | 69  |          | 9   | *                | 0                 | 0           | 0   |
| Fluorene                    | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1600               |                          | 1300            | ug/Kg | 81  |          | 16  | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1600               |                          | 1400            | ug/Kg | 88  |          | 8   | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1600               |                          | 1300            | ug/Kg | 81  |          | 8   | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1600               |                          | 1500            | ug/Kg | 94  |          | 15  | *                | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| 4-Bromophenyl-phenylether  | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| Hexachlorobenzene          | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| Atrazine                   | 1600  |                  | 1300   | ug/Kg | 81  | 16          | *   |             | 0   | 0              | 0   |
| Pentachlorophenol          | 1600  |                  | 1400   | ug/Kg | 88  | 8           |     |             | 17  | 109            | 47  |
| Phenanthrene               | 1600  | 43               | 1500   | ug/Kg | 91  | 14          | *   |             | 0   | 0              | 0   |
| Pentachlorobenzene         | 1600  |                  | 1600   | ug/Kg | 100 | 13          | *   |             | 0   | 0              | 0   |
| Anthracene                 | 1600  |                  | 1400   | ug/Kg | 88  | 16          | *   |             | 0   | 0              | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1600  |                  | 1700   | ug/Kg | 106 | 12          | *   |             | 0   | 0              | 0   |
| Carbazole                  | 1600  |                  | 1400   | ug/Kg | 88  | 16          | *   |             | 0   | 0              | 0   |
| Di-n-butylphthalate        | 1600  |                  | 1400   | ug/Kg | 88  | 16          | *   |             | 0   | 0              | 0   |
| Fluoranthene               | 1600  | 100              | 1600   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| Pyrene                     | 1600  | 85               | 1600   | ug/Kg | 95  | 15          |     |             | 35  | 142            | 36  |
| Butylbenzylphthalate       | 1600  |                  | 1600   | ug/Kg | 100 | 13          | *   |             | 0   | 0              | 0   |
| 3,3'-Dichlorobenzidine     | 1600  |                  | 1100   | ug/Kg | 69  | 14          | *   |             | 0   | 0              | 0   |
| Benzo(a)anthracene         | 1600  | 49               | 1500   | ug/Kg | 91  | 15          | *   |             | 0   | 0              | 0   |
| Chrysene                   | 1600  | 53               | 1500   | ug/Kg | 90  | 14          | *   |             | 0   | 0              | 0   |
| Bis(2-ethylhexyl)phthalate | 1600  |                  | 1600   | ug/Kg | 100 | 13          | *   |             | 0   | 0              | 0   |
| Di-n-octylphthalate        | 1600  |                  | 1600   | ug/Kg | 100 | 13          | *   |             | 0   | 0              | 0   |
| Benzo(b)fluoranthene       | 1600  | 64               | 1500   | ug/Kg | 90  | 16          | *   |             | 0   | 0              | 0   |
| Benzo(k)fluoranthene       | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| Benzo(a)pyrene             | 1600  | 49               | 1500   | ug/Kg | 91  | 15          | *   |             | 0   | 0              | 0   |
| Indeno(1,2,3-cd)pyrene     | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| Dibenzo(a,h)anthracene     | 1600  |                  | 1400   | ug/Kg | 88  | 8           | *   |             | 0   | 0              | 0   |
| Benzo(g,h,i)perylene       | 1600  |                  | 1500   | ug/Kg | 94  | 15          | *   |             | 0   | 0              | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1600  |                  | 1400   | ug/Kg | 88  | 16          | *   |             | 0   | 0              | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike             | Sample Result            | Result         | Units | Rec | Rec Qual | RPD              | RPD Qual          | Low | Limits High | RPD |
|-----------------------------|-------------------|--------------------------|----------------|-------|-----|----------|------------------|-------------------|-----|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4669-02MS</b> | <b>Client Sample ID:</b> | <b>BHK69MS</b> |       |     |          | <b>DataFile:</b> | <b>BG063257.D</b> |     |             |     |
| 1,4-Dioxane                 | 600               |                          | 340            | ug/Kg | 57  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1500              |                          | 200            | ug/Kg | 13  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1500              |                          | 1000           | ug/Kg | 67  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 1500              |                          | 970            | ug/Kg | 65  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 1500              |                          | 680            | ug/Kg | 45  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1500              |                          | 1000           | ug/Kg | 67  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1500              |                          | 610            | ug/Kg | 41  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1500              |                          | 1400           | ug/Kg | 93  |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1500              |                          | 830            | ug/Kg | 55  |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1500              |                          | 1000           | ug/Kg | 67  |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1500              |                          | 1100           | ug/Kg | 73  |          |                  |                   | 28  | 89          |     |
| Diethylphthalate            | 1500              |                          | 1000           | ug/Kg | 67  |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 1500              |                          | 1200           | ug/Kg | 80  |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 1500              |                          | 1300           | ug/Kg | 87  |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 1500              |                          | 1000           | ug/Kg | 67  |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1500              |                          | 1400           | ug/Kg | 93  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 1500  |                  | 1400   | ug/Kg | 93  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Atrazine                   | 1500  |                  | 1200   | ug/Kg | 80  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 17  | 109            |     |
| Phenanthrene               | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 1500  |                  | 1500   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Anthracene                 | 1500  |                  | 1200   | ug/Kg | 80  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 1500  |                  | 1600   | ug/Kg | 107 |             |     |             | 0   | 0              |     |
| Carbazole                  | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 1500  |                  | 1400   | ug/Kg | 93  |             |     |             | 0   | 0              |     |
| Pyrene                     | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 35  | 142            |     |
| Butylbenzylphthalate       | 1500  |                  | 1500   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 1500  |                  | 1100   | ug/Kg | 73  |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Chrysene                   | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 1500  |                  | 1500   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 1500  |                  | 1500   | ug/Kg | 100 |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 1500  |                  | 1300   | ug/Kg | 87  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 1500  |                  | 1200   | ug/Kg | 80  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                   | Spike              | Sample Result            | Result          | Units | Rec | Rec Qual | RPD | RPD Qual         | Low               | Limits High | RPD |
|-----------------------------|--------------------|--------------------------|-----------------|-------|-----|----------|-----|------------------|-------------------|-------------|-----|
| <b>Lab Sample ID:</b>       | <b>P4669-03MSD</b> | <b>Client Sample ID:</b> | <b>BHK69MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG063261.D</b> |             |     |
| 1,4-Dioxane                 | 600                |                          | 430             | ug/Kg | 72  |          | 23  |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1500               |                          | 210             | ug/Kg | 14  |          | 7   | *                | 0                 | 0           | 0   |
| Pyridine                    | 1500               |                          | 1200            | ug/Kg | 80  |          | 18  | *                | 0                 | 0           | 0   |
| Phenol                      | 1500               |                          | 1400            | ug/Kg | 93  | *        | 15  |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1500               |                          | 1300            | ug/Kg | 87  |          | 18  | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| Acetophenone                | 1500               |                          | 1300            | ug/Kg | 87  |          | 18  | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1500               |                          | 1200            | ug/Kg | 80  |          | 9   |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| Isophorone                  | 1500               |                          | 1200            | ug/Kg | 80  |          | 9   | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1500               |                          | 1100            | ug/Kg | 73  |          | 12  | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1500               |                          | 1500            | ug/Kg | 100 |          | 14  | *                | 0                 | 0           | 0   |
| Naphthalene                 | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1500               |                          | 730             | ug/Kg | 49  |          | 9   | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1500               |                          | 1000            | ug/Kg | 67  |          | 0   |                  | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1500               |                          | 690             | ug/Kg | 46  |          | 11  | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1500               |                          | 1500            | ug/Kg | 100 |          | 14  | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1500               |                          | 1500            | ug/Kg | 100 |          | 7   | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 1500               |                          | 1100            | ug/Kg | 73  |          | 0   |                  | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1500               |                          | 1400            | ug/Kg | 93  |          | 15  | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1500               |                          | 1400            | ug/Kg | 93  |          | 7   |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1500               |                          | 1000            | ug/Kg | 67  |          | 20  | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1500               |                          | 1200            | ug/Kg | 80  |          | 18  |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1500               |                          | 1200            | ug/Kg | 80  |          | 9   |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1500               |                          | 1100            | ug/Kg | 73  |          | 9   | *                | 0                 | 0           | 0   |
| Fluorene                    | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1500               |                          | 1300            | ug/Kg | 87  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1500               |                          | 1500            | ug/Kg | 100 |          | 14  | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1500               |                          | 1200            | ug/Kg | 80  |          | 18  | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1500               |                          | 1500            | ug/Kg | 100 |          | 7   | *                | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG110824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 1500  |                  | 1500   | ug/Kg | 100 |             | 14  | *           | 0   | 0              | 0   |
| 4-Bromophenyl-phenylether  | 1500  |                  | 1500   | ug/Kg | 100 |             | 7   | *           | 0   | 0              | 0   |
| Hexachlorobenzene          | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Atrazine                   | 1500  |                  | 1300   | ug/Kg | 87  |             | 8   | *           | 0   | 0              | 0   |
| Pentachlorophenol          | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   |             | 17  | 109            | 47  |
| Phenanthrene               | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Pentachlorobenzene         | 1500  |                  | 1600   | ug/Kg | 107 |             | 7   | *           | 0   | 0              | 0   |
| Anthracene                 | 1500  |                  | 1400   | ug/Kg | 93  |             | 15  | *           | 0   | 0              | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1500  |                  | 1700   | ug/Kg | 113 |             | 5   | *           | 0   | 0              | 0   |
| Carbazole                  | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Di-n-butylphthalate        | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Fluoranthene               | 1500  |                  | 1500   | ug/Kg | 100 |             | 7   | *           | 0   | 0              | 0   |
| Pyrene                     | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   |             | 35  | 142            | 36  |
| Butylbenzylphthalate       | 1500  |                  | 1600   | ug/Kg | 107 |             | 7   | *           | 0   | 0              | 0   |
| 3,3'-Dichlorobenzidine     | 1500  |                  | 1300   | ug/Kg | 87  |             | 18  | *           | 0   | 0              | 0   |
| Benzo(a)anthracene         | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Chrysene                   | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Bis(2-ethylhexyl)phthalate | 1500  |                  | 1600   | ug/Kg | 107 |             | 7   | *           | 0   | 0              | 0   |
| Di-n-octylphthalate        | 1500  |                  | 1600   | ug/Kg | 107 |             | 7   | *           | 0   | 0              | 0   |
| Benzo(b)fluoranthene       | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Benzo(k)fluoranthene       | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Benzo(a)pyrene             | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Indeno(1,2,3-cd)pyrene     | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Dibenzo(a,h)anthracene     | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| Benzo(g,h,i)perylene       | 1500  |                  | 1400   | ug/Kg | 93  |             | 7   | *           | 0   | 0              | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1500  |                  | 1400   | ug/Kg | 93  |             | 15  | *           | 0   | 0              | 0   |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4627-05      | C0CG0     | BG063258.D | 1,4-Dioxane-d8                | 8              | 4.83            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.37            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.31            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.05           | 73           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 28.25           | 71           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.18           | 50           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 31.65           | 79           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.18           | 80           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.82           | 77           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.11           | 60           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.25           | 73           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.40           | 78           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.28            | 21           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.20           | 78           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.23           | 58           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 36.51           | 91           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 39.00           | 98           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 37.64           | 94           |      | 20         | 130  |
| P4627-06      | C0CQ0     | BG063244.D | 1,4-Dioxane-d8                | 8              | 4.47            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.87            | 25           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.75            | 22           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.62           | 79           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.83           | 75           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.49           | 49           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 31.87           | 80           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.29           | 78           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.54           | 76           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.05           | 65           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.45           | 76           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 32.05           | 80           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.99            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.98           | 80           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.98           | 75           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 37.42           | 94           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 39.67           | 99           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 37.62           | 94           |      | 20         | 130  |
| P4627-07      | C0CF7     | BG063259.D | 1,4-Dioxane-d8                | 8              | 4.22            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.05            | 18           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.21            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.50           | 74           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.31           | 73           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.64           | 49           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 33.62           | 84           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 33.27           | 83           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.40           | 81           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.70           | 64           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.49           | 74           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.92           | 80           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.03            | 20           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4627-07      | C0CF7     | BG063259.D | Fluorene-d10                  | 40             | 32.56           | 81           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.74           | 59           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 37.23           | 93           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 39.41           | 99           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 38.76           | 97           |      | 20         | 130  |
| P4627-08      | C0CF2     | BG063260.D | 1,4-Dioxane-d8                | 8              | 3.80            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.04            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.43            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.82           | 57           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.69           | 54           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.87           | 35           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.91           | 62           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.04           | 63           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.94           | 62           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 18.49           | 46           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.26           | 66           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.89           | 67           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.34            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.84           | 72           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.68           | 54           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.93           | 82           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 35.37           | 88           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 34.00           | 85           |      | 20         | 130  |
| P4627-10      | C0CD3     | BG063239.D | 1,4-Dioxane-d8                | 8              | 3.79            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.06            | 5            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.90            | 17           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.72           | 67           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.08           | 63           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.44           | 41           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.49           | 69           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.98           | 70           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.24           | 71           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.15           | 30           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.69           | 69           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.63           | 72           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.49            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 29.84           | 75           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.14           | 73           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 35.88           | 90           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 37.72           | 94           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 36.00           | 90           |      | 20         | 130  |
| P4627-11      | C0CD9     | BG063234.D | 1,4-Dioxane-d8                | 8              | 3.64            | 45           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.63            | 9            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.15            | 20           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.29           | 73           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.71           | 67           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.87           | 45           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.00           | 75           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.42           | 74           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4627-11      | C0CD9      | BG063234.D | 2,4-Dichlorophenol-d3         | 40             | 29.07           | 73           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 1.94            | 5            |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.10           | 73           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.07           | 75           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.04            | 18           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.31           | 78           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.14           | 75           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.53           | 91           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 37.82           | 95           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.63           | 92           |      | 20         | 130  |
| PB164571BL    | PB164571BL | BG063249.D | 1,4-Dioxane-d8                | 8              | 6.29            | 79           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 31.16           | 78           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 30.14           | 75           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.61           | 77           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 32.89           | 82           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 29.65           | 74           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.08           | 78           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 31.41           | 79           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.61           | 77           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 30.26           | 76           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.67           | 72           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.16           | 80           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.19           | 65           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.25           | 78           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.01           | 65           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.79           | 82           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.72           | 87           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.61           | 84           |      | 20         | 130  |
| PB164571BS    | PB164571BS | BG063262.D | 1,4-Dioxane-d8                | 8              | 5.03            | 63           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.28           | 56           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.55           | 71           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.09           | 70           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.47           | 79           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.42           | 71           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.28           | 81           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.49           | 76           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.24           | 81           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.50           | 66           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.64           | 67           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.80           | 77           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.33           | 71           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.54           | 74           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.28           | 71           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.28           | 78           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.64           | 82           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.36           | 81           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4627-12      | C0CD1     | BG063240.D | 1,4-Dioxane-d8                | 8              | 4.18            | 52           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.02            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 10.13           | 25           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.44           | 76           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.05           | 73           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.89           | 55           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.37           | 81           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.70           | 79           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 31.20           | 78           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.07           | 63           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 31.86           | 80           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 33.82           | 85           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.29            | 18           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 34.64           | 87           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.21           | 83           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 39.11           | 98           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 40.67           | 102          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 40.15           | 100          |      | 20         | 130  |
| P4627-13      | C0CF3     | BG063235.D | Pyridine-d5                   | 40             | 3.98            | 10           | *    | 20         | 120  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 4.19            | 52           |      | 15         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.44            | 19           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.36           | 76           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.99           | 70           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.65           | 44           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.55           | 76           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.75           | 77           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 29.81           | 75           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.09           | 48           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.63           | 77           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 32.41           | 81           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.89            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.16           | 80           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.08           | 80           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 37.66           | 94           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 38.89           | 97           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 38.02           | 95           |      | 20         | 130  |
| P4627-14      | C0CD2     | BG063236.D | 1,4-Dioxane-d8                | 8              | 3.73            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.05            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.96            | 17           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.68           | 64           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.14           | 60           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.84           | 40           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.37           | 63           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.11           | 63           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.97           | 62           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.70           | 52           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.05           | 65           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.32           | 68           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.78            | 14           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4627-14      | C0CD2     | BG063236.D | Fluorene-d10                  | 40             | 28.14           | 70           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.41           | 71           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.60           | 84           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 35.40           | 89           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 34.35           | 86           |      | 20         | 130  |
| P4627-17      | C0CF9     | BG063241.D | 1,4-Dioxane-d8                | 8              | 4.27            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.16            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.50            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.11           | 68           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.48           | 61           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 14.93           | 37           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.62           | 72           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.59           | 71           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.88           | 70           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.97           | 57           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.03           | 73           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.79           | 74           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.31            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.33           | 76           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.78           | 74           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.96           | 87           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 36.02           | 90           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.75           | 89           |      | 20         | 130  |
| P4627-18      | C0CF6     | BG063242.D | 1,4-Dioxane-d8                | 8              | 3.91            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.97            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.06            | 15           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.63           | 67           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.89           | 62           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.03           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.49           | 69           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.59           | 69           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.59           | 69           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.45           | 56           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.36           | 71           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.61           | 74           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.06            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.08           | 75           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.82           | 75           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.86           | 87           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 35.96           | 90           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.65           | 89           |      | 20         | 130  |
| P4627-19      | C0CE0     | BG063243.D | 1,4-Dioxane-d8                | 8              | 3.95            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.80            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.19            | 18           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.93           | 65           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.08           | 63           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.97           | 45           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.40           | 64           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.49           | 64           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4627-19      | C0CE0      | BG063243.D | 2,4-Dichlorophenol-d3         | 40             | 24.40           | 61           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 16.91           | 42           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.68           | 62           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.87           | 65           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.20            | 15           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.45           | 66           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.90           | 67           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.69           | 84           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.24           | 86           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 34.02           | 85           |      | 20         | 130  |
| PB164573BL    | PB164573BL | BG063233.D | Pyridine-d5                   | 40             | 30.57           | 76           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 6.48            | 81           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 31.08           | 78           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.66           | 82           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.36           | 86           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.50           | 79           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.55           | 81           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 33.01           | 83           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.44           | 81           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 29.77           | 74           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.96           | 72           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.29           | 83           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 27.87           | 70           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.52           | 79           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.83           | 70           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 34.03           | 85           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 35.60           | 89           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 34.32           | 86           |      | 20         | 130  |
| PB164573BS    | PB164573BS | BG063245.D | 1,4-Dioxane-d8                | 8              | 5.51            | 69           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 29.38           | 73           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 32.12           | 80           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.93           | 72           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.25           | 86           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 30.44           | 76           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.18           | 78           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.81           | 77           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.98           | 82           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.62           | 67           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.50           | 66           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.43           | 76           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.67           | 74           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.18           | 73           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.51           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 30.57           | 76           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.07           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.08           | 80           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4582-01      | A4EE7     | BG063250.D | 1,4-Dioxane-d8                | 8              | 4.97            | 62           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 25.01           | 63           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 29.48           | 74           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.50           | 69           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.50           | 76           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 30.37           | 76           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.71           | 77           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.18           | 75           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 31.48           | 79           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.55           | 61           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.06           | 70           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.95           | 80           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 25.34           | 63           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.94           | 77           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.44           | 64           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.05           | 80           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 34.90           | 87           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 33.22           | 83           |      | 10         | 140  |
| P4582-02      | A4EE8     | BG063251.D | 1,4-Dioxane-d8                | 8              | 3.55            | 44           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 18.93           | 47           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.39           | 58           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.23           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.69           | 62           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.22           | 58           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.19           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 23.93           | 60           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.48           | 61           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.38           | 48           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.52           | 54           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.94           | 62           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.23           | 48           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.41           | 61           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.62           | 47           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.42           | 61           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.10           | 68           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 25.80           | 64           |      | 10         | 140  |
| P4582-03MS    | A4EE8MS   | BG063252.D | 1,4-Dioxane-d8                | 8              | 4.17            | 52           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 20.32           | 51           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.63           | 64           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.34           | 61           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.74           | 69           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.40           | 61           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.35           | 68           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.09           | 65           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.02           | 70           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.42           | 54           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.03           | 58           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.49           | 66           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.34           | 61           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4582-03MS    | A4EE8MS   | BG063252.D | Fluorene-d10                  | 40             | 25.53           | 64           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.36           | 61           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.32           | 66           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 28.37           | 71           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 26.83           | 67           |      | 10         | 140  |
| P4582-04MSD   | A4EE8MSD  | BG063253.D | 1,4-Dioxane-d8                | 8              | 4.51            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.76           | 57           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 28.98           | 72           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.21           | 71           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 31.22           | 78           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.68           | 69           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.01           | 75           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.16           | 75           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.27           | 81           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.16           | 60           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.81           | 65           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 29.40           | 74           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 26.95           | 67           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.29           | 71           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.38           | 68           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.37           | 76           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.89           | 80           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.70           | 77           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.31            | 16           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.84            | 7            | *    | 20         | 120  |
| P4582-05      | A4EF0     | BG063254.D | Phenol-d5                     | 40             | 7.21            | 18           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 7.35            | 18           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 8.04            | 20           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 6.52            | 16           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 8.42            | 21           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 7.65            | 19           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 8.09            | 20           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 1.07            | 3            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 7.64            | 19           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 8.35            | 21           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.42            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 8.43            | 21           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 3.45            | 9            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 8.51            | 21           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 7.16            | 18           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 4.60            | 11           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.06            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.01            | 5            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.45            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 6.90            | 17           |      | 10         | 150  |
| P4582-09      | A4EC0     | BG063255.D | 2-Chlorophenol-d4             | 40             | 7.32            | 18           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 4.76            | 12           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 7.99            | 20           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 7.15            | 18           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4582-09      | A4EC0     | BG063255.D | 2,4-Dichlorophenol-d3         | 40             | 6.90            | 17           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 1.60            | 4            |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 6.69            | 17           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 7.27            | 18           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.38            | 13           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 7.39            | 18           | *    | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 2.65            | 7            | *    | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 7.76            | 19           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 6.78            | 17           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 4.14            | 10           |      | 10         | 140  |
| P4669-01      | BHK69     | BG063256.D | 1,4-Dioxane-d8                | 8              | 3.63            | 45           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.18           | 35           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.83           | 57           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.24           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.58           | 59           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.91           | 60           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.98           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.10           | 63           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 24.66           | 62           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.44           | 56           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.16           | 58           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.19           | 65           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 21.21           | 53           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.51           | 64           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 12.67           | 32           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.07           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.33           | 73           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 27.41           | 69           |      | 10         | 140  |
| P4669-02MS    | BHK69MS   | BG063257.D | 1,4-Dioxane-d8                | 8              | 3.81            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 16.65           | 42           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 27.19           | 68           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.71           | 64           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.63           | 69           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.14           | 68           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 28.50           | 71           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.81           | 70           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.54           | 76           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.90           | 62           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.43           | 61           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 28.63           | 72           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 24.89           | 62           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.58           | 69           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.19           | 53           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.11           | 73           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.34           | 78           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.43           | 76           |      | 10         | 140  |
| P4669-03MSD   | BHK69MSD  | BG063261.D | 1,4-Dioxane-d8                | 8              | 4.99            | 62           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.75           | 49           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 31.40           | 78           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4669-03MSD   | BHK69MSD   | BG063261.D | Bis(2-Chloroethyl)ether-d8    | 40             | 28.75           | 72           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 32.29           | 81           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.36           | 78           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.55           | 79           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 31.32           | 78           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 33.96           | 85           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.85           | 67           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.01           | 68           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 31.52           | 79           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.41           | 71           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 30.30           | 76           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.56           | 64           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.81           | 80           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 33.87           | 85           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.17           | 83           |      | 10         | 140  |
| PB164616BL    | PB164616BL | BG063264.D | 1,4-Dioxane-d8                | 8              | 5.40            | 68           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 24.53           | 61           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.38           | 66           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.65           | 67           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.16           | 70           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.82           | 67           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 30.33           | 76           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.82           | 70           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.40           | 71           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.88           | 62           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.06           | 63           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.69           | 72           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 23.19           | 58           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.11           | 68           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 20.61           | 52           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.57           | 74           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 31.31           | 78           |      | 10         | 130  |
| PB164616BS    | PB164616BS | BG063276.D | Benzo(a)pyrene-d12            | 40             | 30.12           | 75           |      | 10         | 140  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.98            | 62           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.79           | 59           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.10           | 73           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.61           | 67           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 30.93           | 77           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.90           | 72           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 30.12           | 75           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.22           | 73           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.51           | 76           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.82           | 57           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.65           | 62           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.30           | 71           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.85           | 67           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.65           | 69           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.22           | 68           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.32           | 71           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter          | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|--------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                    |                |                 |              |      | Low        | High |
| PB164616BS    | PB164616BS | BG063276.D | Pyrene-d10         | 40             | 29.55           | 74           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12 | 40             | 29.87           | 75           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4586-01      | A4EE1      | BG063227.D | 1,4-Dioxane-d8                | 8              | 0.94            | 12           | *    | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 1.79            | 4            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 7.83            | 20           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 8.68            | 22           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 9.97            | 25           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 7.41            | 19           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 8.96            | 22           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 7.94            | 20           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 8.36            | 21           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 6.60            | 16           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 8.66            | 22           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 9.16            | 23           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 5.92            | 15           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 9.07            | 23           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 6.42            | 16           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 9.53            | 24           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 9.23            | 23           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 7.09            | 18           |      | 10         | 140  |
| PB164682BS    | PB164682BS | BG063246.D | 1,4-Dioxane-d8                | 8              | 6.12            | 77           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 29.39           | 73           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 32.12           | 80           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.23           | 81           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.15           | 85           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.32           | 78           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.32           | 86           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 33.09           | 83           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 34.02           | 85           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 29.63           | 74           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.57           | 74           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.88           | 85           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 31.55           | 79           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.52           | 81           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.41           | 84           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.93           | 82           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 35.64           | 89           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.68           | 89           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4636-01      | C0P17     | BG063228.D | 1,4-Dioxane-d8                | 8              | 3.42            | 43           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.53           | 39           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.18           | 48           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.83           | 50           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.21           | 53           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.69           | 49           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 21.61           | 54           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 21.40           | 54           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 21.54           | 54           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.70           | 49           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 20.48           | 51           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 23.39           | 58           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.01           | 45           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 22.19           | 55           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.64           | 44           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.64           | 57           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 24.71           | 62           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 23.39           | 58           |      | 10         | 140  |
| P4636-02      | CC0P0     | BG063229.D | 1,4-Dioxane-d8                | 8              | 2.99            | 37           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.38           | 31           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.84           | 42           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.25           | 43           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.79           | 47           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.58           | 44           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.17           | 48           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 18.71           | 47           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.21           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.76           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.11           | 45           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 20.28           | 51           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.22           | 38           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.65           | 49           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.79           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.72           | 52           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 22.55           | 56           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.45           | 54           |      | 10         | 140  |
| P4636-05      | CC0P2     | BG063230.D | 1,4-Dioxane-d8                | 8              | 2.66            | 33           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.62           | 29           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 16.37           | 41           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.58           | 41           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.83           | 45           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.16           | 43           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.65           | 44           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.18           | 43           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 17.92           | 45           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.74           | 37           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 17.39           | 43           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.33           | 48           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.12           | 38           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4636-05      | CC0P2     | BG063230.D | Fluorene-d10                  | 40             | 19.15           | 48           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 16.10           | 40           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 18.78           | 47           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.79           | 54           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.12           | 50           |      | 10         | 140  |
| P4636-06      | CC0P4     | BG063231.D | 1,4-Dioxane-d8                | 8              | 3.25            | 41           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.08           | 33           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.23           | 46           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.44           | 44           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.05           | 48           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.50           | 46           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.78           | 49           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.94           | 50           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 20.10           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 16.93           | 42           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.43           | 49           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 21.21           | 53           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 16.63           | 42           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.69           | 52           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.64           | 44           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 21.13           | 53           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 24.13           | 60           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.34           | 56           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.24            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.79           | 29           |      | 20         | 120  |
| P4636-10      | CC0Q2     | BG063237.D | Phenol-d5                     | 40             | 17.78           | 44           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 17.64           | 44           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.95           | 47           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.75           | 44           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.54           | 49           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.59           | 49           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 19.39           | 48           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.44           | 39           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 18.39           | 46           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 20.58           | 51           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.69           | 39           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.30           | 51           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.87           | 40           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.25           | 51           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 22.76           | 57           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.45           | 54           |      | 10         | 140  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 1.01            | 13           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.01            | 13           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 5.74            | 14           |      | 10         | 150  |
| P4636-11      | CC0Q3     | BG063238.D | 2-Chlorophenol-d4             | 40             | 6.46            | 16           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 3.92            | 10           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 6.02            | 15           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 6.09            | 15           |      | 10         | 120  |
|               |           |            |                               |                |                 |              |      |            |      |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4636-11      | CC0Q3      | BG063238.D | 2,4-Dichlorophenol-d3         | 40             | 5.85            | 15           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 3.91            | 10           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 6.59            | 16           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 7.10            | 18           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 4.23            | 11           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 7.34            | 18           | *    | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 4.05            | 10           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 7.23            | 18           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 6.30            | 16           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 3.78            | 9            | *    | 10         | 140  |
| PB164721BL    | PB164721BL | BG063226.D | Pyridine-d5                   | 40             | 22.22           | 56           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.51            | 56           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 23.42           | 59           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.61           | 62           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.40           | 66           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 23.83           | 60           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.69           | 64           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 26.14           | 65           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 24.88           | 62           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.38           | 63           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.35           | 61           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.17           | 65           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 23.00           | 58           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.45           | 64           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.01           | 58           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 27.84           | 70           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 28.60           | 71           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.01           | 68           |      | 10         | 140  |
| PB164721BS    | PB164721BS | BG063247.D | 1,4-Dioxane-d8                | 8              | 5.50            | 69           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 25.67           | 64           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.47           | 66           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.92           | 62           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.00           | 73           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.38           | 66           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 25.23           | 63           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 25.81           | 65           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.01           | 70           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.33           | 58           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 22.67           | 57           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.04           | 65           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 24.90           | 62           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.32           | 63           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.17           | 60           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.68           | 64           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 27.46           | 69           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.43           | 66           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4729-03      | C0B86     | BG063266.D | 1,4-Dioxane-d8                | 8              | 3.87            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.88            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.31            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.58           | 74           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.84           | 70           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.55           | 49           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.43           | 76           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 29.04           | 73           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.30           | 71           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.02           | 60           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.43           | 71           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.66           | 77           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.71            | 14           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.17           | 78           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.21           | 63           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 36.41           | 91           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 36.22           | 91           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 37.25           | 93           |      | 20         | 130  |
| P4729-05      | C0B88     | BG063267.D | 1,4-Dioxane-d8                | 8              | 3.35            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.86            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.57            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.12           | 75           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 28.48           | 71           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.26           | 51           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 34.52           | 86           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.84           | 82           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 32.41           | 81           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.88           | 57           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 30.17           | 75           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 32.37           | 81           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.08            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 31.78           | 79           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.12           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 36.71           | 92           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 38.51           | 96           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 39.02           | 98           |      | 20         | 130  |
| P4744-01      | GCP55     | BG063268.D | 1,4-Dioxane-d8                | 8              | 4.01            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 1.73            | 4            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.45            | 19           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.95           | 62           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 24.62           | 62           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.09           | 43           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.10           | 68           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.07           | 65           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 25.78           | 64           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 0.17            | 0            | *    | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.50           | 61           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.02           | 65           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.47            | 16           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4744-01      | GCP55      | BG063268.D | Fluorene-d10                  | 40             | 27.02           | 68           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.57           | 54           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.28           | 71           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 30.41           | 76           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 29.16           | 73           |      | 20         | 130  |
| P4744-02      | GCP56      | BG063269.D | 1,4-Dioxane-d8                | 8              | 4.19            | 52           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 4.62            | 12           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 10.02           | 25           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.27           | 81           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.79           | 79           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 22.88           | 57           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.95           | 87           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 33.90           | 85           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 33.68           | 84           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 14.64           | 37           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.62           | 74           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.91           | 85           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.41            | 19           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.59           | 81           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.10           | 70           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 35.12           | 88           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 36.12           | 90           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.62           | 89           |      | 20         | 130  |
| P4744-03      | GCP57      | BG063270.D | 1,4-Dioxane-d8                | 8              | 4.25            | 53           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 8.20            | 21           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.97            | 22           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.34           | 81           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.57           | 79           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 21.02           | 53           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 35.56           | 89           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 32.68           | 82           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.85           | 82           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.73           | 59           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 29.64           | 74           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.17           | 83           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.56            | 16           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.70           | 82           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.68           | 72           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 35.84           | 90           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 36.50           | 91           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.91           | 92           |      | 20         | 130  |
| PB164770BL    | PB164770BL | BG063265.D | 1,4-Dioxane-d8                | 8              | 5.30            | 66           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 24.02           | 60           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 27.05           | 68           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.28           | 66           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.34           | 73           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.25           | 68           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.68           | 72           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.42           | 71           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BG110824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB164770BL    | PB164770BL | BG063265.D | 2,4-Dichlorophenol-d3         | 40             | 28.04           | 70           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.47           | 66           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.42           | 61           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.87           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 22.80           | 57           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.32           | 68           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.23           | 48           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.10           | 73           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 30.73           | 77           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.09           | 75           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.68            | 71           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.16           | 68           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 32.24           | 81           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.26           | 73           |      | 25         | 120  |
| PB164770BS    | PB164770BS | BG063275.D | 2-Chlorophenol-d4             | 40             | 34.10           | 85           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.53           | 79           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.94           | 82           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.87           | 77           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 32.64           | 82           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.35           | 66           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.34           | 66           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.38           | 76           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.73           | 74           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.14           | 73           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.60           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.40           | 79           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 32.15           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.62           | 82           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P4744-04      | GCP58     | BG063271.D | 1,4-Dioxane-d8                | 8              | 4.52            | 57           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.03            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.24            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.61           | 79           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.58           | 76           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.22           | 53           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.04           | 80           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.12           | 80           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.71           | 77           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.58           | 66           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.84           | 70           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.25           | 78           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.56            | 16           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.29           | 76           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.96           | 67           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 33.50           | 84           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 34.91           | 87           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.16           | 88           |      | 20         | 130  |
| P4744-05      | GCP59     | BG063272.D | 1,4-Dioxane-d8                | 8              | 3.77            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.94            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.12            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.29           | 71           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 28.75           | 72           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.17           | 50           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 31.87           | 80           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 30.74           | 77           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.58           | 76           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.70           | 62           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.62           | 72           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.09           | 78           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.11            | 20           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.95           | 77           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.94           | 67           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 34.42           | 86           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 36.05           | 90           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 35.17           | 88           |      | 20         | 130  |
| P4744-06      | GCP60     | BG063273.D | 1,4-Dioxane-d8                | 8              | 4.94            | 62           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.99            | 20           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.87            | 25           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.05           | 80           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 32.59           | 81           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.56           | 59           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 35.29           | 88           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.48           | 89           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 34.11           | 85           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 28.82           | 72           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 31.12           | 78           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 34.63           | 87           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.10            | 20           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P4744-06      | GCP60      | BG063273.D | Fluorene-d10                  | 40             | 33.56           | 84           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.67           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.62           | 92           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 37.66           | 94           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.75           | 92           |      | 20         | 130  |
| P4744-07      | GCP61      | BG063274.D | 1,4-Dioxane-d8                | 8              | 4.13            | 52           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 5.58            | 14           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.94            | 22           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.34           | 68           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.82           | 70           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 20.24           | 51           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 28.81           | 72           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.37           | 71           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.88           | 70           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.05           | 63           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.15           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.22           | 71           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.31            | 18           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.40           | 69           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.77           | 57           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 30.03           | 75           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 31.01           | 78           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.18           | 75           |      | 20         | 130  |
| P4744-08      | GCP62      | BG063279.D | 1,4-Dioxane-d8                | 8              | 4.35            | 54           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 7.26            | 18           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 9.86            | 25           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.28           | 86           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 32.66           | 82           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 21.45           | 54           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 35.89           | 90           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 34.58           | 86           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 34.68           | 87           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 12.57           | 31           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.81           | 80           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 34.83           | 87           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 8.83            | 22           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 34.78           | 87           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.73           | 79           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.09           | 90           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 37.58           | 94           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.93           | 90           |      | 20         | 130  |
| PB164772BL    | PB164772BL | BG063278.D | 1,4-Dioxane-d8                | 8              | 5.16            | 64           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.00           | 67           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.56           | 74           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.68           | 74           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.63           | 79           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 30.20           | 76           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 31.94           | 80           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.67           | 77           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG110824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB164772BL    | PB164772BL | BG063278.D | 2,4-Dichlorophenol-d3         | 40             | 30.71           | 77           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 28.88           | 72           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 26.44           | 66           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 30.43           | 76           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 24.30           | 61           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.37           | 73           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.88           | 60           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 31.57           | 79           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 31.98           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 32.49           | 81           |      | 20         | 130  |
| PB164772BS    | PB164772BS | BG063280.D | 1,4-Dioxane-d8                | 8              | 4.86            | 61           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 26.36           | 66           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 30.43           | 76           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.98           | 70           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 31.83           | 80           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 29.35           | 73           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.32           | 73           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 28.65           | 72           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.66           | 77           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.76           | 62           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.94           | 62           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.99           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.84           | 67           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 27.71           | 69           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 26.93           | 67           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.35           | 73           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 30.03           | 75           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.45           | 76           |      | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110824

Lab Code: CHEM

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063224.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:19

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 27.5                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 32.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 34.2                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 31.6                 |
| 365 | Greater than 1% of mass 198        | 5.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 79.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.6 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020520        | SSTDCCC020       | BG063225.D     | 11/08/2024       | 12:47            |
| SBLK721           | PB164721BL       | BG063226.D     | 11/08/2024       | 13:32            |
| A4EE1             | P4586-01         | BG063227.D     | 11/08/2024       | 14:10            |
| C0PI7             | P4636-01         | BG063228.D     | 11/08/2024       | 14:48            |
| CC0P0             | P4636-02         | BG063229.D     | 11/08/2024       | 15:26            |
| CC0P2             | P4636-05         | BG063230.D     | 11/08/2024       | 16:05            |
| CC0P4             | P4636-06         | BG063231.D     | 11/08/2024       | 16:43            |
| SSTD020521        | SSTDCCC020       | BG063232.D     | 11/08/2024       | 17:21            |
| SBLK573           | PB164573BL       | BG063233.D     | 11/08/2024       | 17:59            |
| C0CD9             | P4627-11         | BG063234.D     | 11/08/2024       | 18:37            |
| C0CF3             | P4627-13         | BG063235.D     | 11/08/2024       | 19:15            |
| C0CD2             | P4627-14         | BG063236.D     | 11/08/2024       | 19:53            |
| CC0Q2             | P4636-10         | BG063237.D     | 11/08/2024       | 20:31            |
| CC0Q3             | P4636-11         | BG063238.D     | 11/08/2024       | 21:09            |
| C0CD3             | P4627-10         | BG063239.D     | 11/08/2024       | 21:47            |
| C0CD1             | P4627-12         | BG063240.D     | 11/08/2024       | 22:25            |
| C0CF9             | P4627-17         | BG063241.D     | 11/08/2024       | 23:03            |
| C0CF6             | P4627-18         | BG063242.D     | 11/08/2024       | 23:41            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110824

Lab Code: CHEM

SAS No.: BG110824

SDG NO.: BG110824

Lab File ID: BG063224.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:19

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 27.5                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 32.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 34.2                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 31.6                 |
| 365 | Greater than 1% of mass 198        | 5.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 79.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.6 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| C0CE0             | P4627-19         | BG063243.D     | 11/09/2024       | 00:20            |
| C0CQ0             | P4627-06         | BG063244.D     | 11/09/2024       | 00:58            |
| SLCS573           | PB164573BS       | BG063245.D     | 11/09/2024       | 01:36            |
| SLCS682           | PB164682BS       | BG063246.D     | 11/09/2024       | 02:14            |
| SLCS721           | PB164721BS       | BG063247.D     | 11/09/2024       | 02:52            |
| SSTD020522        | SSTDCCC020       | BG063248.D     | 11/09/2024       | 03:30            |
| SBLK571           | PB164571BL       | BG063249.D     | 11/09/2024       | 04:46            |
| A4EE7             | P4582-01         | BG063250.D     | 11/09/2024       | 05:24            |
| A4EE8             | P4582-02         | BG063251.D     | 11/09/2024       | 06:02            |
| A4EE8MS           | P4582-03MS       | BG063252.D     | 11/09/2024       | 06:40            |
| A4EE8MSD          | P4582-04MSD      | BG063253.D     | 11/09/2024       | 07:17            |
| A4EF0             | P4582-05         | BG063254.D     | 11/09/2024       | 07:55            |
| A4EC0             | P4582-09         | BG063255.D     | 11/09/2024       | 08:33            |
| BHK69             | P4669-01         | BG063256.D     | 11/09/2024       | 09:11            |
| BHK69MS           | P4669-02MS       | BG063257.D     | 11/09/2024       | 09:49            |
| C0CG0             | P4627-05         | BG063258.D     | 11/09/2024       | 10:27            |
| C0CF7             | P4627-07         | BG063259.D     | 11/09/2024       | 11:04            |
| C0CF2             | P4627-08         | BG063260.D     | 11/09/2024       | 11:42            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110824

Lab Code: CHEM

SAS No.: BG110824

SDG NO.: BG110824

Lab File ID: BG063224.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:19

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 27.5                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 32.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 34.2                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 31.6                 |
| 365 | Greater than 1% of mass 198        | 5.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 79.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.6 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| BHK69MSD          | P4669-03MSD      | BG063261.D     | 11/09/2024       | 12:20            |
| SLCS571           | PB164571BS       | BG063262.D     | 11/09/2024       | 12:58            |
| SSTD020523        | SSTDCCC020       | BG063263.D     | 11/09/2024       | 14:14            |
| SBLK616           | PB164616BL       | BG063264.D     | 11/09/2024       | 14:52            |
| SBLK770           | PB164770BL       | BG063265.D     | 11/09/2024       | 15:30            |
| C0B86             | P4729-03         | BG063266.D     | 11/09/2024       | 16:08            |
| C0B88             | P4729-05         | BG063267.D     | 11/09/2024       | 16:46            |
| GCP55             | P4744-01         | BG063268.D     | 11/09/2024       | 17:23            |
| GCP56             | P4744-02         | BG063269.D     | 11/09/2024       | 18:01            |
| GCP57             | P4744-03         | BG063270.D     | 11/09/2024       | 18:39            |
| GCP58             | P4744-04         | BG063271.D     | 11/09/2024       | 19:17            |
| GCP59             | P4744-05         | BG063272.D     | 11/09/2024       | 19:55            |
| GCP60             | P4744-06         | BG063273.D     | 11/09/2024       | 20:33            |
| GCP61             | P4744-07         | BG063274.D     | 11/09/2024       | 21:11            |
| SLCS770           | PB164770BS       | BG063275.D     | 11/09/2024       | 21:48            |
| SLCS616           | PB164616BS       | BG063276.D     | 11/09/2024       | 22:26            |
| SSTD020524        | SSTDCCC020       | BG063277.D     | 11/09/2024       | 23:42            |
| SBLK772           | PB164772BL       | BG063278.D     | 11/10/2024       | 00:20            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG110824

Lab Code: CHEM

SAS No.: BG110824 SDG NO.: BG110824

Lab File ID: BG063224.D

DFTPP Injection Date: 11/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:19

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 27.5                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.4 ) 1        |
| 69  | Mass 69 relative abundance         | 32.1                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 34.2                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 31.6                 |
| 365 | Greater than 1% of mass 198        | 5.6                  |
| 441 | Present, but less than mass 443    | 12.7                 |
| 442 | Greater than 50% of mass 198       | 79.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.6 ( 19.7 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| GCP62             | P4744-08         | BG063279.D     | 11/10/2024       | 00:58            |
| SLCS772           | PB164772BS       | BG063280.D     | 11/10/2024       | 01:36            |
| SSTD020525        | SSTDCCC020EC     | BG063281.D     | 11/10/2024       | 02:52            |