

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:10:56

Lab File ID: BG061735.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020540 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.688 | 0.713  | 0.010   | 3.6953   | 40.0  |
| Benzaldehyde                | 1.068 | 1.302  | 0.010   | 21.8967  | 40.0  |
| Pyridine                    | 1.799 | 1.838  | 0.010   | 2.146    | 40.0  |
| Phenol                      | 2.285 | 2.222  | 0.080   | -2.7572  | 20.0  |
| Bis(2-Chloroethyl) ether    | 1.720 | 1.678  | 0.100   | -2.396   | 20.0  |
| 2-Chlorophenol              | 1.495 | 1.480  | 0.200   | -1.02    | 20.0  |
| 2-Methylphenol              | 1.599 | 1.547  | 0.010   | -3.23    | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.513 | 3.620  | 0.010   | 3.0433   | 40.0  |
| Acetophenone                | 2.764 | 2.681  | 0.060   | -3.0132  | 20.0  |
| 4-Methylphenol              | 1.791 | 1.748  | 0.010   | -2.4152  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.485 | 1.495  | 0.050   | 0.6825   | 30.0  |
| Hexachloroethane            | 0.599 | 0.602  | 0.100   | 0.4281   | 20.0  |
| Nitrobenzene                | 0.391 | 0.402  | 0.050   | 2.6424   | 25.0  |
| Isophorone                  | 0.900 | 0.907  | 0.050   | 0.8326   | 25.0  |
| 2-Nitrophenol               | 0.144 | 0.138  | 0.050   | -4.0758  | 25.0  |
| 2,4-Dimethylphenol          | 0.402 | 0.416  | 0.050   | 3.4697   | 25.0  |
| Bis(2-Chloroethoxy) methane | 0.509 | 0.522  | 0.050   | 2.5286   | 20.0  |
| 2,4-Dichlorophenol          | 0.298 | 0.314  | 0.060   | 5.1149   | 20.0  |
| Naphthalene                 | 1.119 | 1.148  | 0.200   | 2.5713   | 20.0  |
| 4-Chloroaniline             | 0.489 | 0.489  | 0.010   | 0.0066   | 40.0  |
| Hexachlorobutadiene         | 0.206 | 0.243  | 0.040   | 17.7026  | 30.0  |
| Caprolactam                 | 0.123 | 0.116  | 0.010   | -6.1971  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.417 | 0.391  | 0.040   | -6.2768  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.830  | 0.100   | -1.5152  | 20.0  |
| 2-Methylnaphthalene         | 0.790 | 0.799  | 0.100   | 1.1852   | 20.0  |
| Hexachlorocyclopentadiene   | 0.337 | 0.317  | 0.010   | -5.9094  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.365 | 0.380  | 0.090   | 4.1562   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.398 | 0.393  | 0.100   | -1.309   | 25.0  |
| 1,1-Biphenyl                | 1.449 | 1.597  | 0.200   | 10.2471  | 20.0  |
| 2-Chloronaphthalene         | 1.113 | 1.182  | 0.300   | 6.209    | 20.0  |
| 2-Nitroaniline              | 0.381 | 0.363  | 0.050   | -4.7921  | 40.0  |
| Dimethylphthalate           | 1.528 | 1.536  | 0.300   | 0.5008   | 20.0  |
| 2,6-Dinitrotoluene          | 0.254 | 0.223  | 0.080   | -12.0002 | 30.0  |
| Acenaphthylene              | 1.883 | 1.968  | 0.400   | 4.5004   | 20.0  |
| 3-Nitroaniline              | 0.260 | 0.273  | 0.010   | 5.1392   | 40.0  |
| Acenaphthene                | 1.304 | 1.388  | 0.200   | 6.486    | 20.0  |
| 2,4-Dinitrophenol           | 0.129 | 0.097  | 0.010   | -24.901  | 40.0  |
| 4-Nitrophenol               | 0.273 | 0.247  | 0.010   | -9.4531  | 40.0  |
| Dibenzofuran                | 1.825 | 1.902  | 0.300   | 4.2463   | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:10:56

Lab File ID: BG061735.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020540 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.376 | 0.345  | 0.070   | -8.313   | 30.0  |
| Diethylphthalate              | 1.574 | 1.574  | 0.300   | 0.0049   | 20.0  |
| Fluorene                      | 1.510 | 1.576  | 0.200   | 4.3721   | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.750 | 0.783  | 0.100   | 4.4429   | 20.0  |
| 4-Nitroaniline                | 0.275 | 0.300  | 0.010   | 9.156    | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.097 | 0.073  | 0.010   | -24.1393 | 40.0  |
| N-Nitrosodiphenylamine        | 0.517 | 0.540  | 0.050   | 4.4831   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.566 | 0.627  | 0.100   | 10.8208  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.217  | 0.070   | 5.1884   | 20.0  |
| Hexachlorobenzene             | 0.250 | 0.258  | 0.050   | 3.0632   | 25.0  |
| Atrazine                      | 0.207 | 0.225  | 0.010   | 9.0992   | 25.0  |
| Pentachlorophenol             | 0.152 | 0.132  | 0.010   | -13.1716 | 40.0  |
| Phenanthrene                  | 1.052 | 1.095  | 0.200   | 4.0831   | 20.0  |
| Pentachlorobenzene            | 0.268 | 0.284  | 0.050   | 6.2939   | 20.0  |
| Anthracene                    | 1.076 | 1.132  | 0.200   | 5.1679   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.223 | 0.255  | 0.050   | 14.3026  | 20.0  |
| Carbazole                     | 0.914 | 1.002  | 0.050   | 9.6823   | 40.0  |
| Di-n-butylphthalate           | 1.093 | 1.170  | 0.500   | 7.0749   | 25.0  |
| Fluoranthene                  | 1.296 | 1.439  | 0.400   | 11.0388  | 25.0  |
| Pyrene                        | 1.378 | 1.502  | 0.400   | 8.989    | 25.0  |
| Butylbenzylphthalate          | 0.502 | 0.579  | 0.100   | 15.3551  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.486  | 0.010   | 14.9905  | 40.0  |
| Benzo (a) anthracene          | 1.404 | 1.417  | 0.300   | 0.9434   | 30.0  |
| Chrysene                      | 1.328 | 1.334  | 0.200   | 0.3868   | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.738 | 0.843  | 0.200   | 14.3424  | 40.0  |
| Di-n-octyl phthalate          | 1.055 | 1.273  | 0.010   | 20.6344  | 40.0  |
| Benzo (b) fluoranthene        | 1.202 | 1.244  | 0.200   | 3.4976   | 25.0  |
| Benzo (k) fluoranthene        | 1.236 | 1.300  | 0.200   | 5.1207   | 25.0  |
| Benzo (a) pyrene              | 1.157 | 1.186  | 0.200   | 2.5079   | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.442 | 1.475  | 0.200   | 2.2621   | 25.0  |
| Dibenzo (a,h) anthracene      | 1.199 | 1.219  | 0.200   | 1.6378   | 30.0  |
| Benzo (g,h,i) perylene        | 1.163 | 1.188  | 0.200   | 2.184    | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.390 | 0.363  | 0.040   | -7.1     | 20.0  |
| 1,4-Dioxane-d8                | 0.554 | 0.639  | 0.010   | 15.4564  | 25.0  |
| Pyridine-d5                   | 1.674 | 1.815  | 0.010   | 8.43     | 40.0  |
| Phenol-d5                     | 2.171 | 2.108  | 0.010   | -2.9212  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.353 | 1.381  | 0.050   | 2.0232   | 25.0  |
| 2-Chlorophenol-d4             | 1.490 | 1.439  | 0.200   | -3.4191  | 20.0  |
| 4-Methylphenol-d8             | 1.678 | 1.651  | 0.010   | -1.61    | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:10:56

Lab File ID: BG061735.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020540 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.136 | 0.132  | 0.050      | -2.6854  | 20.0  |
| 2-Nitrophenol-d4              | 0.138 | 0.129  | 0.050      | -6.2954  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.326 | 0.331  | 0.060      | 1.7019   | 20.0  |
| 4-Chloroaniline-d4            | 0.493 | 0.490  | 0.010      | -0.6762  | 40.0  |
| Dimethylphthalate-d6          | 1.539 | 1.590  | 0.300      | 3.2805   | 20.0  |
| Acenaphthylene-d8             | 1.687 | 1.814  | 0.400      | 7.5333   | 20.0  |
| 4-Nitrophenol-d4              | 0.264 | 0.243  | 0.010      | -8.2006  | 40.0  |
| Fluorene-d10                  | 1.347 | 1.412  | 0.100      | 4.792    | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.086 | 0.070  | 0.010      | -18.5161 | 40.0  |
| Anthracene-d10                | 0.913 | 0.947  | 0.300      | 3.7495   | 20.0  |
| Pyrene-d10                    | 1.117 | 1.240  | 0.300      | 10.9803  | 25.0  |
| Benzo(a)pyrene-d12            | 0.955 | 1.010  | 0.010      | 5.7833   | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:16:19

Lab File ID: BG061741.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020541 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.688 | 0.724  | 0.010   | 5.2034   | 40.0  |
| Benzaldehyde                | 1.068 | 1.346  | 0.010   | 26.0018  | 40.0  |
| Pyridine                    | 1.799 | 1.874  | 0.010   | 4.1357   | 40.0  |
| Phenol                      | 2.285 | 2.191  | 0.080   | -4.0841  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.720 | 1.680  | 0.100   | -2.2884  | 20.0  |
| 2-Chlorophenol              | 1.495 | 1.521  | 0.200   | 1.7264   | 20.0  |
| 2-Methylphenol              | 1.599 | 1.554  | 0.010   | -2.8158  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.513 | 3.744  | 0.010   | 6.572    | 40.0  |
| Acetophenone                | 2.764 | 2.595  | 0.060   | -6.1161  | 20.0  |
| 4-Methylphenol              | 1.791 | 1.674  | 0.010   | -6.5423  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.485 | 1.413  | 0.050   | -4.8219  | 30.0  |
| Hexachloroethane            | 0.599 | 0.639  | 0.100   | 6.5478   | 20.0  |
| Nitrobenzene                | 0.391 | 0.428  | 0.050   | 9.4315   | 25.0  |
| Isophorone                  | 0.900 | 0.887  | 0.050   | -1.4074  | 25.0  |
| 2-Nitrophenol               | 0.144 | 0.170  | 0.050   | 18.2909  | 25.0  |
| 2,4-Dimethylphenol          | 0.402 | 0.423  | 0.050   | 5.1612   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.509 | 0.531  | 0.050   | 4.2422   | 20.0  |
| 2,4-Dichlorophenol          | 0.298 | 0.314  | 0.060   | 5.3099   | 20.0  |
| Naphthalene                 | 1.119 | 1.140  | 0.200   | 1.8351   | 20.0  |
| 4-Chloroaniline             | 0.489 | 0.474  | 0.010   | -3.0645  | 40.0  |
| Hexachlorobutadiene         | 0.206 | 0.242  | 0.040   | 17.6386  | 30.0  |
| Caprolactam                 | 0.123 | 0.117  | 0.010   | -4.8213  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.417 | 0.398  | 0.040   | -4.5339  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.817  | 0.100   | -3.058   | 20.0  |
| 2-Methylnaphthalene         | 0.790 | 0.778  | 0.100   | -1.501   | 20.0  |
| Hexachlorocyclopentadiene   | 0.337 | 0.360  | 0.010   | 6.9473   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.365 | 0.421  | 0.090   | 15.3775  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.398 | 0.439  | 0.100   | 10.3735  | 25.0  |
| 1,1-Biphenyl                | 1.449 | 1.589  | 0.200   | 9.6648   | 20.0  |
| 2-Chloronaphthalene         | 1.113 | 1.201  | 0.300   | 7.9211   | 20.0  |
| 2-Nitroaniline              | 0.381 | 0.444  | 0.050   | 16.6131  | 40.0  |
| Dimethylphthalate           | 1.528 | 1.473  | 0.300   | -3.6355  | 20.0  |
| 2,6-Dinitrotoluene          | 0.254 | 0.289  | 0.080   | 14.0423  | 30.0  |
| Acenaphthylene              | 1.883 | 1.961  | 0.400   | 4.1557   | 20.0  |
| 3-Nitroaniline              | 0.260 | 0.288  | 0.010   | 10.8503  | 40.0  |
| Acenaphthene                | 1.304 | 1.335  | 0.200   | 2.416    | 20.0  |
| 2,4-Dinitrophenol           | 0.129 | 0.116  | 0.010   | -10.1696 | 40.0  |
| 4-Nitrophenol               | 0.273 | 0.274  | 0.010   | 0.4716   | 40.0  |
| Dibenzofuran                | 1.825 | 1.871  | 0.300   | 2.5581   | 20.0  |

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:16:19

Lab File ID: BG061741.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020541 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.376 | 0.417  | 0.070   | 10.7385 | 30.0  |
| Diethylphthalate              | 1.574 | 1.573  | 0.300   | -0.0465 | 20.0  |
| Fluorene                      | 1.510 | 1.554  | 0.200   | 2.9028  | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.750 | 0.767  | 0.100   | 2.2526  | 20.0  |
| 4-Nitroaniline                | 0.275 | 0.320  | 0.010   | 16.2352 | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.097 | 0.099  | 0.010   | 2.4091  | 40.0  |
| N-Nitrosodiphenylamine        | 0.517 | 0.549  | 0.050   | 6.227   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.566 | 0.627  | 0.100   | 10.7917 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.226  | 0.070   | 9.7985  | 20.0  |
| Hexachlorobenzene             | 0.250 | 0.265  | 0.050   | 5.8706  | 25.0  |
| Atrazine                      | 0.207 | 0.224  | 0.010   | 8.6042  | 25.0  |
| Pentachlorophenol             | 0.152 | 0.152  | 0.010   | -0.4487 | 40.0  |
| Phenanthrene                  | 1.052 | 1.096  | 0.200   | 4.1713  | 20.0  |
| Pentachlorobenzene            | 0.268 | 0.290  | 0.050   | 8.3529  | 20.0  |
| Anthracene                    | 1.076 | 1.118  | 0.200   | 3.8634  | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.223 | 0.259  | 0.050   | 16.2229 | 20.0  |
| Carbazole                     | 0.914 | 0.982  | 0.050   | 7.5042  | 40.0  |
| Di-n-butylphthalate           | 1.093 | 1.220  | 0.500   | 11.6562 | 25.0  |
| Fluoranthene                  | 1.296 | 1.520  | 0.400   | 17.2374 | 25.0  |
| Pyrene                        | 1.378 | 1.575  | 0.400   | 14.2873 | 25.0  |
| Butylbenzylphthalate          | 0.502 | 0.658  | 0.100   | 31.0611 | 40.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.507  | 0.010   | 19.96   | 40.0  |
| Benzo (a) anthracene          | 1.404 | 1.510  | 0.300   | 7.5903  | 30.0  |
| Chrysene                      | 1.328 | 1.394  | 0.200   | 4.9448  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.738 | 0.919  | 0.200   | 24.5705 | 40.0  |
| Di-n-octyl phthalate          | 1.055 | 1.363  | 0.010   | 29.2511 | 40.0  |
| Benzo (b) fluoranthene        | 1.202 | 1.284  | 0.200   | 6.76    | 25.0  |
| Benzo (k) fluoranthene        | 1.236 | 1.283  | 0.200   | 3.7849  | 25.0  |
| Benzo (a) pyrene              | 1.157 | 1.218  | 0.200   | 5.2183  | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.442 | 1.520  | 0.200   | 5.3989  | 25.0  |
| Dibenzo (a,h) anthracene      | 1.199 | 1.247  | 0.200   | 4.0142  | 30.0  |
| Benzo (g,h,i) perylene        | 1.163 | 1.224  | 0.200   | 5.3183  | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.390 | 0.399  | 0.040   | 2.1891  | 20.0  |
| 1,4-Dioxane-d8                | 0.554 | 0.621  | 0.010   | 12.2492 | 25.0  |
| Pyridine-d5                   | 1.674 | 1.733  | 0.010   | 3.5382  | 40.0  |
| Phenol-d5                     | 2.171 | 2.146  | 0.010   | -1.1638 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.353 | 1.382  | 0.050   | 2.1226  | 25.0  |
| 2-Chlorophenol-d4             | 1.490 | 1.510  | 0.200   | 1.3406  | 20.0  |
| 4-Methylphenol-d8             | 1.678 | 1.638  | 0.010   | -2.4343 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724  
 Instrument ID: BNA\_G Calibration Date/Time: 6/27/2024 1:16:19  
 Lab File ID: BG061741.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020541 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D      | MAX%D |
|-------------------------------|-------|--------|------------|---------|-------|
| Nitrobenzene-d5               | 0.136 | 0.148  | 0.050      | 9.197   | 20.0  |
| 2-Nitrophenol-d4              | 0.138 | 0.171  | 0.050      | 24.1824 | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.326 | 0.341  | 0.060      | 4.8475  | 20.0  |
| 4-Chloroaniline-d4            | 0.493 | 0.498  | 0.010      | 1.0256  | 40.0  |
| Dimethylphthalate-d6          | 1.539 | 1.568  | 0.300      | 1.9067  | 20.0  |
| Acenaphthylene-d8             | 1.687 | 1.776  | 0.400      | 5.2797  | 20.0  |
| 4-Nitrophenol-d4              | 0.264 | 0.273  | 0.010      | 3.4102  | 40.0  |
| Fluorene-d10                  | 1.347 | 1.380  | 0.100      | 2.4179  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.086 | 0.088  | 0.010      | 3.2648  | 40.0  |
| Anthracene-d10                | 0.913 | 0.975  | 0.300      | 6.7857  | 20.0  |
| Pyrene-d10                    | 1.117 | 1.271  | 0.300      | 13.7284 | 25.0  |
| Benzo(a)pyrene-d12            | 0.955 | 1.018  | 0.010      | 6.6189  | 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.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:03:12

Lab File ID: BG061757.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020542 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.688 | 0.568  | 0.010   | -17.4431 | 40.0  |
| Benzaldehyde                | 1.068 | 1.289  | 0.010   | 20.6354  | 40.0  |
| Pyridine                    | 1.799 | 1.789  | 0.010   | -0.5657  | 40.0  |
| Phenol                      | 2.285 | 2.170  | 0.080   | -5.0118  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.720 | 1.616  | 0.100   | -6.0571  | 20.0  |
| 2-Chlorophenol              | 1.495 | 1.469  | 0.200   | -1.7399  | 20.0  |
| 2-Methylphenol              | 1.599 | 1.485  | 0.010   | -7.108   | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.513 | 3.548  | 0.010   | 0.9811   | 40.0  |
| Acetophenone                | 2.764 | 2.563  | 0.060   | -7.2716  | 20.0  |
| 4-Methylphenol              | 1.791 | 1.677  | 0.010   | -6.3774  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.485 | 1.352  | 0.050   | -8.9332  | 30.0  |
| Hexachloroethane            | 0.599 | 0.594  | 0.100   | -0.8609  | 20.0  |
| Nitrobenzene                | 0.391 | 0.450  | 0.050   | 14.9524  | 25.0  |
| Isophorone                  | 0.900 | 0.875  | 0.050   | -2.7429  | 25.0  |
| 2-Nitrophenol               | 0.144 | 0.176  | 0.050   | 22.445   | 25.0  |
| 2,4-Dimethylphenol          | 0.402 | 0.420  | 0.050   | 4.3803   | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.509 | 0.520  | 0.050   | 2.1148   | 20.0  |
| 2,4-Dichlorophenol          | 0.298 | 0.317  | 0.060   | 6.3742   | 20.0  |
| Naphthalene                 | 1.119 | 1.121  | 0.200   | 0.21     | 20.0  |
| 4-Chloroaniline             | 0.489 | 0.465  | 0.010   | -4.8391  | 40.0  |
| Hexachlorobutadiene         | 0.206 | 0.237  | 0.040   | 15.179   | 30.0  |
| Caprolactam                 | 0.123 | 0.115  | 0.010   | -7.0357  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.417 | 0.407  | 0.040   | -2.4516  | 25.0  |
| 1-Methylnaphthalene         | 0.843 | 0.807  | 0.100   | -4.2291  | 20.0  |
| 2-Methylnaphthalene         | 0.790 | 0.775  | 0.100   | -1.8951  | 20.0  |
| Hexachlorocyclopentadiene   | 0.337 | 0.321  | 0.010   | -4.7181  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.365 | 0.423  | 0.090   | 15.9306  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.398 | 0.446  | 0.100   | 12.0085  | 25.0  |
| 1,1-Biphenyl                | 1.449 | 1.576  | 0.200   | 8.8108   | 20.0  |
| 2-Chloronaphthalene         | 1.113 | 1.199  | 0.300   | 7.7679   | 20.0  |
| 2-Nitroaniline              | 0.381 | 0.484  | 0.050   | 27.0765  | 40.0  |
| Dimethylphthalate           | 1.528 | 1.509  | 0.300   | -1.2929  | 20.0  |
| 2,6-Dinitrotoluene          | 0.254 | 0.304  | 0.080   | 19.928   | 30.0  |
| Acenaphthylene              | 1.883 | 1.945  | 0.400   | 3.2937   | 20.0  |
| 3-Nitroaniline              | 0.260 | 0.317  | 0.010   | 21.8874  | 40.0  |
| Acenaphthene                | 1.304 | 1.371  | 0.200   | 5.1385   | 20.0  |
| 2,4-Dinitrophenol           | 0.129 | 0.079  | 0.010   | -38.3883 | 40.0  |
| 4-Nitrophenol               | 0.273 | 0.271  | 0.010   | -0.6264  | 40.0  |
| Dibenzofuran                | 1.825 | 1.895  | 0.300   | 3.8605   | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:03:12

Lab File ID: BG061757.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020542 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene          | 0.376 | 0.471  | 0.070   | 25.1403  | 30.0  |
| Diethylphthalate            | 1.574 | 1.614  | 0.300   | 2.5288   | 20.0  |
| Fluorene                    | 1.510 | 1.588  | 0.200   | 5.1474   | 20.0  |
| 4-Chlorophenyl-phenylether  | 0.750 | 0.777  | 0.100   | 3.6205   | 20.0  |
| 4-Nitroaniline              | 0.275 | 0.331  | 0.010   | 20.3229  | 40.0  |
| 4,6-Dinitro-2-methylphenol  | 0.097 | 0.075  | 0.010   | -22.8843 | 40.0  |
| N-Nitrosodiphenylamine      | 0.517 | 0.544  | 0.050   | 5.1645   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene  | 0.566 | 0.646  | 0.100   | 14.2051  | 20.0  |
| 4-Bromophenyl-phenylether   | 0.206 | 0.233  | 0.070   | 13.1886  | 20.0  |
| Hexachlorobenzene           | 0.250 | 0.266  | 0.050   | 6.301    | 25.0  |
| Atrazine                    | 0.207 | 0.219  | 0.010   | 5.7702   | 25.0  |
| Pentachlorophenol           | 0.152 | 0.141  | 0.010   | -7.5827  | 40.0  |
| Phenanthrene                | 1.052 | 1.078  | 0.200   | 2.4617   | 20.0  |
| Pentachlorobenzene          | 0.268 | 0.304  | 0.050   | 13.7312  | 20.0  |
| Anthracene                  | 1.076 | 1.127  | 0.200   | 4.7593   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene  | 0.223 | 0.267  | 0.050   | 19.7476  | 20.0  |
| Carbazole                   | 0.914 | 0.987  | 0.050   | 8.014    | 40.0  |
| Di-n-butylphthalate         | 1.093 | 1.208  | 0.500   | 10.5503  | 25.0  |
| Fluoranthene                | 1.296 | 1.540  | 0.400   | 18.8194  | 25.0  |
| Pyrene                      | 1.378 | 1.583  | 0.400   | 14.8599  | 25.0  |
| Butylbenzylphthalate        | 0.502 | 0.672  | 0.100   | 33.8299  | 40.0  |
| 3,3-Dichlorobenzidine       | 0.423 | 0.474  | 0.010   | 12.1877  | 40.0  |
| Benzo(a)anthracene          | 1.404 | 1.511  | 0.300   | 7.6565   | 30.0  |
| Chrysene                    | 1.328 | 1.419  | 0.200   | 6.8091   | 30.0  |
| Bis(2-ethylhexyl)phthalate  | 0.738 | 0.935  | 0.200   | 26.7557  | 40.0  |
| Di-n-octyl phthalate        | 1.055 | 1.410  | 0.010   | 33.6847  | 40.0  |
| Benzo(b)fluoranthene        | 1.202 | 1.307  | 0.200   | 8.7276   | 25.0  |
| Benzo(k)fluoranthene        | 1.236 | 1.319  | 0.200   | 6.694    | 25.0  |
| Benzo(a)pyrene              | 1.157 | 1.239  | 0.200   | 7.0481   | 20.0  |
| Indeno(1,2,3-cd)pyrene      | 1.442 | 1.541  | 0.200   | 6.861    | 25.0  |
| Dibenzo(a,h)anthracene      | 1.199 | 1.301  | 0.200   | 8.4444   | 30.0  |
| Benzo(g,h,i)perylene        | 1.163 | 1.242  | 0.200   | 6.7846   | 30.0  |
| 2,3,4,6-Tetrachlorophenol   | 0.390 | 0.416  | 0.040   | 6.6442   | 20.0  |
| 1,4-Dioxane-d8              | 0.554 | 0.531  | 0.010   | -4.0798  | 25.0  |
| Pyridine-d5                 | 1.674 | 1.690  | 0.010   | 0.9315   | 40.0  |
| Phenol-d5                   | 2.171 | 2.053  | 0.010   | -5.4443  | 25.0  |
| Bis-(2-Chloroethyl)ether-d8 | 1.353 | 1.285  | 0.050   | -5.0638  | 25.0  |
| 2-Chlorophenol-d4           | 1.490 | 1.406  | 0.200   | -5.6561  | 20.0  |
| 4-Methylphenol-d8           | 1.678 | 1.566  | 0.010   | -6.7206  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:03:12

Lab File ID: BG061757.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020542 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.136 | 0.159  | 0.050      | 16.7829  | 20.0  |
| 2-Nitrophenol-d4              | 0.138 | 0.170  | 0.050      | 23.4879  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.326 | 0.348  | 0.060      | 6.9455   | 20.0  |
| 4-Chloroaniline-d4            | 0.493 | 0.489  | 0.010      | -0.9184  | 40.0  |
| Dimethylphthalate-d6          | 1.539 | 1.569  | 0.300      | 1.9339   | 20.0  |
| Acenaphthylene-d8             | 1.687 | 1.832  | 0.400      | 8.5922   | 20.0  |
| 4-Nitrophenol-d4              | 0.264 | 0.274  | 0.010      | 3.8175   | 40.0  |
| Fluorene-d10                  | 1.347 | 1.410  | 0.100      | 4.6479   | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.086 | 0.070  | 0.010      | -18.7128 | 40.0  |
| Anthracene-d10                | 0.913 | 0.963  | 0.300      | 5.5331   | 20.0  |
| Pyrene-d10                    | 1.117 | 1.313  | 0.300      | 17.5333  | 25.0  |
| Benzo(a)pyrene-d12            | 0.955 | 1.039  | 0.010      | 8.7229   | 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.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:14:50

Lab File ID: BG061772.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020543 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.688 | 0.553  | 0.010   | -19.6603 | 50.0  |
| Benzaldehyde                | 1.068 | 1.322  | 0.010   | 23.701   | 50.0  |
| Pyridine                    | 1.799 | 1.684  | 0.010   | -6.3987  | 50.0  |
| Phenol                      | 2.285 | 2.189  | 0.080   | -4.208   | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.720 | 1.635  | 0.100   | -4.9249  | 50.0  |
| 2-Chlorophenol              | 1.495 | 1.549  | 0.200   | 3.5996   | 50.0  |
| 2-Methylphenol              | 1.599 | 1.553  | 0.010   | -2.8734  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 3.513 | 3.576  | 0.010   | 1.777    | 50.0  |
| Acetophenone                | 2.764 | 2.571  | 0.060   | -6.9868  | 50.0  |
| 4-Methylphenol              | 1.791 | 1.674  | 0.010   | -6.5122  | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.485 | 1.388  | 0.050   | -6.5376  | 50.0  |
| Hexachloroethane            | 0.599 | 0.630  | 0.100   | 5.0996   | 50.0  |
| Nitrobenzene                | 0.391 | 0.441  | 0.050   | 12.7909  | 50.0  |
| Isophorone                  | 0.900 | 0.847  | 0.050   | -5.8994  | 50.0  |
| 2-Nitrophenol               | 0.144 | 0.181  | 0.050   | 26.0061  | 50.0  |
| 2,4-Dimethylphenol          | 0.402 | 0.411  | 0.050   | 2.1043   | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.509 | 0.507  | 0.050   | -0.4706  | 50.0  |
| 2,4-Dichlorophenol          | 0.298 | 0.327  | 0.060   | 9.5446   | 50.0  |
| Naphthalene                 | 1.119 | 1.118  | 0.200   | -0.1155  | 50.0  |
| 4-Chloroaniline             | 0.489 | 0.469  | 0.010   | -4.1433  | 50.0  |
| Hexachlorobutadiene         | 0.206 | 0.246  | 0.040   | 19.5763  | 50.0  |
| Caprolactam                 | 0.123 | 0.107  | 0.010   | -13.4249 | 50.0  |
| 4-Chloro-3-methylphenol     | 0.417 | 0.407  | 0.040   | -2.4045  | 50.0  |
| 1-Methylnaphthalene         | 0.843 | 0.784  | 0.100   | -6.92    | 50.0  |
| 2-Methylnaphthalene         | 0.790 | 0.780  | 0.100   | -1.1675  | 50.0  |
| Hexachlorocyclopentadiene   | 0.337 | 0.257  | 0.010   | -23.6864 | 50.0  |
| 2,4,6-Trichlorophenol       | 0.365 | 0.424  | 0.090   | 16.0935  | 50.0  |
| 2,4,5-Trichlorophenol       | 0.398 | 0.445  | 0.100   | 11.8563  | 50.0  |
| 1,1-Biphenyl                | 1.449 | 1.596  | 0.200   | 10.1487  | 50.0  |
| 2-Chloronaphthalene         | 1.113 | 1.226  | 0.300   | 10.2065  | 50.0  |
| 2-Nitroaniline              | 0.381 | 0.504  | 0.050   | 32.3847  | 50.0  |
| Dimethylphthalate           | 1.528 | 1.498  | 0.300   | -2.0127  | 50.0  |
| 2,6-Dinitrotoluene          | 0.254 | 0.315  | 0.080   | 24.0745  | 50.0  |
| Acenaphthylene              | 1.883 | 1.973  | 0.400   | 4.7927   | 50.0  |
| 3-Nitroaniline              | 0.260 | 0.335  | 0.010   | 29.1669  | 50.0  |
| Acenaphthene                | 1.304 | 1.362  | 0.200   | 4.4516   | 50.0  |
| 2,4-Dinitrophenol           | 0.129 | 0.095  | 0.010   | -26.5205 | 50.0  |
| 4-Nitrophenol               | 0.273 | 0.272  | 0.010   | -0.1852  | 50.0  |
| Dibenzofuran                | 1.825 | 1.861  | 0.300   | 1.976    | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724

Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:14:50

Lab File ID: BG061772.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020543 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.376 | 0.449  | 0.070   | 19.3247  | 50.0  |
| Diethylphthalate              | 1.574 | 1.555  | 0.300   | -1.1887  | 50.0  |
| Fluorene                      | 1.510 | 1.529  | 0.200   | 1.2535   | 50.0  |
| 4-Chlorophenyl-phenylether    | 0.750 | 0.776  | 0.100   | 3.5331   | 50.0  |
| 4-Nitroaniline                | 0.275 | 0.355  | 0.010   | 29.0557  | 50.0  |
| 4,6-Dinitro-2-methylphenol    | 0.097 | 0.083  | 0.010   | -13.9791 | 50.0  |
| N-Nitrosodiphenylamine        | 0.517 | 0.555  | 0.050   | 7.3695   | 50.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.566 | 0.664  | 0.100   | 17.2728  | 50.0  |
| 4-Bromophenyl-phenylether     | 0.206 | 0.230  | 0.070   | 11.6944  | 50.0  |
| Hexachlorobenzene             | 0.250 | 0.259  | 0.050   | 3.6475   | 50.0  |
| Atrazine                      | 0.207 | 0.221  | 0.010   | 6.9063   | 50.0  |
| Pentachlorophenol             | 0.152 | 0.149  | 0.010   | -2.0926  | 50.0  |
| Phenanthrene                  | 1.052 | 1.058  | 0.200   | 0.5507   | 50.0  |
| Pentachlorobenzene            | 0.268 | 0.305  | 0.050   | 14.0067  | 50.0  |
| Anthracene                    | 1.076 | 1.097  | 0.200   | 1.9263   | 50.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.223 | 0.284  | 0.050   | 27.5415  | 50.0  |
| Carbazole                     | 0.914 | 0.947  | 0.050   | 3.7038   | 50.0  |
| Di-n-butylphthalate           | 1.093 | 1.210  | 0.500   | 10.6946  | 50.0  |
| Fluoranthene                  | 1.296 | 1.578  | 0.400   | 21.7355  | 50.0  |
| Pyrene                        | 1.378 | 1.574  | 0.400   | 14.1965  | 50.0  |
| Butylbenzylphthalate          | 0.502 | 0.660  | 0.100   | 31.5674  | 50.0  |
| 3,3-Dichlorobenzidine         | 0.423 | 0.450  | 0.010   | 6.3651   | 50.0  |
| Benzo (a) anthracene          | 1.404 | 1.472  | 0.300   | 4.817    | 50.0  |
| Chrysene                      | 1.328 | 1.379  | 0.200   | 3.8417   | 50.0  |
| Bis (2-ethylhexyl) phthalate  | 0.738 | 0.960  | 0.200   | 30.2081  | 50.0  |
| Di-n-octyl phthalate          | 1.055 | 1.406  | 0.010   | 33.2443  | 50.0  |
| Benzo (b) fluoranthene        | 1.202 | 1.285  | 0.200   | 6.8647   | 50.0  |
| Benzo (k) fluoranthene        | 1.236 | 1.296  | 0.200   | 4.831    | 50.0  |
| Benzo (a) pyrene              | 1.157 | 1.215  | 0.200   | 4.999    | 50.0  |
| Indeno (1,2,3-cd) pyrene      | 1.442 | 1.575  | 0.200   | 9.1702   | 50.0  |
| Dibenzo (a,h) anthracene      | 1.199 | 1.314  | 0.200   | 9.5202   | 50.0  |
| Benzo (g,h,i) perylene        | 1.163 | 1.253  | 0.200   | 7.7566   | 50.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.390 | 0.409  | 0.040   | 4.9045   | 50.0  |
| Pyridine-d5                   | 1.674 | 1.593  | 0.010   | -4.8155  | 50.0  |
| 1,4-Dioxane-d8                | 0.554 | 0.528  | 0.010   | -4.6039  | 50.0  |
| Phenol-d5                     | 2.171 | 2.096  | 0.010   | -3.474   | 50.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.353 | 1.298  | 0.050   | -4.1011  | 50.0  |
| 2-Chlorophenol-d4             | 1.490 | 1.551  | 0.200   | 4.1221   | 50.0  |
| 4-Methylphenol-d8             | 1.678 | 1.646  | 0.010   | -1.9278  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
 Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG No.: BG062724  
 Instrument ID: BNA\_G Calibration Date/Time: 6/28/2024 1:14:50  
 Lab File ID: BG061772.D Init. Calib. Date(s): \_\_\_\_\_  
 EPA Sample No.: SSTD020543 Init. Calib. Time(s): \_\_\_\_\_  
 GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| Nitrobenzene-d5               | 0.136 | 0.158  | 0.050   | 16.087  | 50.0  |
| 2-Nitrophenol-d4              | 0.138 | 0.183  | 0.050   | 33.0206 | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.326 | 0.358  | 0.060   | 10.072  | 50.0  |
| 4-Chloroaniline-d4            | 0.493 | 0.480  | 0.010   | -2.6226 | 50.0  |
| Dimethylphthalate-d6          | 1.539 | 1.564  | 0.300   | 1.5917  | 50.0  |
| Acenaphthylene-d8             | 1.687 | 1.829  | 0.400   | 8.4271  | 50.0  |
| 4-Nitrophenol-d4              | 0.264 | 0.268  | 0.010   | 1.5446  | 50.0  |
| Fluorene-d10                  | 1.347 | 1.391  | 0.100   | 3.2626  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.086 | 0.078  | 0.010   | -8.4909 | 50.0  |
| Anthracene-d10                | 0.913 | 0.955  | 0.300   | 4.6346  | 50.0  |
| Pyrene-d10                    | 1.117 | 1.294  | 0.300   | 15.7937 | 50.0  |
| Benzo(a)pyrene-d12            | 0.955 | 1.036  | 0.010   | 8.4395  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061736.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061736.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061736.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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              | 7.326  |           | 15-120 |     | 92         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.542 |           | 20-120 |     | 74         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.367 |           | 10-130 |     | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.394 |           | 25-120 |     | 73         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.253 |           | 20-130 |     | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.801 |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.542 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 29.913 |           | 20-130 |     | 75         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.687 |           | 20-120 |     | 74         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.535 |           | 1-146  |     | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.857 |           | 25-130 |     | 77         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.957 |           | 10-130 |     | 80         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.829 |           | 10-150 |     | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.543 |           | 25-125 |     | 79         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061736.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 23.388 |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 31.71  |           | 25-130 |     | 79         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 34.633 |           | 15-130 |     | 87         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.222 |           | 20-130 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 65767  | 8.06      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 310715 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 210020 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 505439 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 450883 | 21.691    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 490504 | 24.916    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4DK5                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-24              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.2      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 |
| BG061737.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 27    | U         | 27  | 6.6  | 66         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82   | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 76    | U         | 76  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 2100  |           | 30  | 82   | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 4000  |           | 29  | 82   | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1700  |           | 28  | 42.2 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82   | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82   | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82   | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82   | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 7000  | E         | 78  | 42.2 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.2 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 4800  | E         | 64  | 42.2 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.2 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 6000  | E         | 60  | 42.2 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.2 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 3800  | E         | 45  | 42.2 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 5900  | E         | 38  | 42.2 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.2 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.2 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.2 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82   | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 5400  | E         | 41  | 42.2 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.2 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.2 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 96    | U         | 96  | 82   | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 3000  | E         | 24  | 42.2 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 4100  | E         | 33  | 42.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4DK5                 | SDG No.:        | BG062724                    |
| Lab Sample ID:     | P2934-24              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.2      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 |
| BG061737.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.2 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.2 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.2 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.2 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 4500  | E         | 20  | 42.2 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.2 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82   | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 5600  | E         | 26  | 42.2 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82   | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 3200  |           | 44  | 82   | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.2 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 7700  | E         | 35  | 42.2 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 2600  |           | 33  | 42.2 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 4200  | E         | 27  | 42.2 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.2 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82   | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82   | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.2 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.2 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 3200  | E         | 26  | 42.2 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.2 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82   | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 5700  | E         | 87  | 82   | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 3800  | E         | 27  | 42.2 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.2 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1500  |           | 25  | 42.2 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.2 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82   | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 5200  | E         | 27  | 42.2 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 3500  | E         | 19  | 82   | 170        | ug/Kg |



|                    |              |        |                 |                       |      |    |
|--------------------|--------------|--------|-----------------|-----------------------|------|----|
| Client:            |              |        | Date Collected: | 6/17/2024 12:00:00 AM |      |    |
| Project:           |              |        | Date Received:  | 6/17/2024 12:00:00 AM |      |    |
| Client Sample ID:  | A4DK5        |        | SDG No.:        | BG062724              |      |    |
| Lab Sample ID:     | P2934-24     |        | Matrix:         | Solid                 |      |    |
| Analytical Method: | SFAM_SVOC    |        | % Moisture:     | 0                     |      |    |
| Sample Wt/Vol:     | 30.2         | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061737.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 6000   | E         | 18     | 42.2 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 4600   | E         | 22     | 42.2 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82   | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2900   | E         | 23     | 42.2 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1900   |           | 24     | 42.2 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 5700   | E         | 25     | 42.2 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 6500   | E         | 48     | 82   | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1700   |           | 37     | 42.2 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 2700   | E         | 38     | 42.2 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1400   |           | 31     | 42.2 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1600   |           | 28     | 42.2 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 4900   | E         | 26     | 42.2 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.2 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.2 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.575  |           | 15-120 |      | 70         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.022 |           | 10-130 |      | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.932 |           | 10-150 |      | 75         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.558 |           | 15-120 |      | 74         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.719 |           | 10-140 |      | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.81  |           | 10-135 |      | 77         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.912 |           | 10-120 |      | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 38.014 |           | 10-140 |      | 95         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.211 |           | 1-145  |      | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 37.427 |           | 10-145 |      | 94         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.428 |           | 15-120 |      | 91         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 32.854 |           | 10-150 |      | 82         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 37.302 |           | 20-140 |      | 93         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4DK5                 | SDG No.:        | BG062724                    |
| Lab Sample ID:     | P2934-24              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.2      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 |
| BG061737.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 31.821 |           | 10-130 |     | 80         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 37.493 |           | 10-150 |     | 94         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 42.872 |           | 10-130 |     | 107        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 39.287 |           | 10-140 |     | 98         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 67942  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 317143 | 10.872    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 209491 | 14.691    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 494962 | 17.435    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 381713 | 21.701    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 436175 | 24.915    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000541-73-1                           | Benzene, 1,3-dichloro-             | 2400   | J         |        |     | 7.946      |          |
| 000106-46-7                           | Benzene, 1,4-dichloro-             | 7800   | J         |        |     | 8.416      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 83     | J         |        |     | 11.607     |          |
| 000111-82-0                           | Dodecanoic acid, methyl ester      | 79     | J         |        |     | 14.809     |          |
| 000643-58-3                           | 1,1-Biphenyl, 2-methyl-            | 76     | J         |        |     | 15.984     |          |
| 000106-70-7                           | Hexanoic acid, methyl ester        | 89     | J         |        |     | 17.212     |          |
| 000112-39-0                           | Hexadecanoic acid, methyl ester    | 130    | J         |        |     | 18.099     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 370    | J         |        |     | 18.322     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 140    | J         |        |     | 18.839     |          |
|                                       | (DEL) Alkane: Straight-Chain24.033 | 140    | J         |        |     | 24.033     |          |
|                                       | unknown-01                         | 75     | J         |        |     | 24.997     |          |
|                                       | (DEL) Alkane: Straight-Chain26.148 | 230    | J         |        |     | 26.148     |          |
|                                       | (DEL) Alkane: Cyclic26.272         | 160    | J         |        |     | 26.272     |          |
| 000193-43-1                           | Indeno[1,2,3-cd]fluoranthene       | 480    | J         |        |     | 28.575     |          |
| E966796                               | Total Alkanes                      | 530    |           |        |     | 99         | ug/Kg    |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 6/17/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 6/17/2024 12:00:00 AM |    |
| Client Sample ID:  | A4DK5DL      |        |    | SDG No.:        | BG062724              |    |
| Lab Sample ID:     | P2934-24DL   |        |    | Matrix:         | Solid                 |    |
| Analytical Method: | SFAM_SVOC    |        |    | % Moisture:     | 0                     |    |
| Sample Wt/Vol:     | 30.2         | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061738.D        | 5         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| TARGETS    |                             |       |           |     |      |            |       |
| 123-91-1   | 1,4-Dioxane                 | 130   | U         | 130 | 32.8 | 330        | ug/Kg |
| 100-52-7   | Benzaldehyde                | 290   | U         | 290 | 410  | 1600       | ug/Kg |
| 110-86-1   | Pyridine                    | 380   | U         | 380 | 820  | 1600       | ug/Kg |
| 108-95-2   | Phenol                      | 2000  | D         | 150 | 410  | 1600       | ug/Kg |
| 111-44-4   | Bis(2-Chloroethyl)ether     | 3700  | D         | 140 | 410  | 1600       | ug/Kg |
| 95-57-8    | 2-Chlorophenol              | 1600  | D         | 140 | 210  | 840        | ug/Kg |
| 95-48-7    | 2-Methylphenol              | 150   | U         | 150 | 410  | 1600       | ug/Kg |
| 108-60-1   | 2,2-oxybis(1-Chloropropane) | 200   | U         | 200 | 410  | 1600       | ug/Kg |
| 98-86-2    | Acetophenone                | 330   | U         | 330 | 410  | 1600       | ug/Kg |
| 106-44-5   | 4-Methylphenol              | 260   | U         | 260 | 410  | 1600       | ug/Kg |
| 621-64-7   | N-Nitroso-di-n-propylamine  | 6800  | D         | 390 | 210  | 840        | ug/Kg |
| 67-72-1    | Hexachloroethane            | 300   | U         | 300 | 210  | 840        | ug/Kg |
| 98-95-3    | Nitrobenzene                | 4400  | D         | 320 | 210  | 840        | ug/Kg |
| 78-59-1    | Isophorone                  | 330   | U         | 330 | 210  | 840        | ug/Kg |
| 88-75-5    | 2-Nitrophenol               | 5200  | D         | 300 | 210  | 840        | ug/Kg |
| 105-67-9   | 2,4-Dimethylphenol          | 160   | U         | 160 | 210  | 840        | ug/Kg |
| 111-91-1   | Bis(2-Chloroethoxy)methane  | 3500  | D         | 220 | 210  | 840        | ug/Kg |
| 120-83-2   | 2,4-Dichlorophenol          | 5500  | D         | 190 | 210  | 840        | ug/Kg |
| 91-20-3    | Naphthalene                 | 120   | U         | 120 | 210  | 840        | ug/Kg |
| 106-47-8   | 4-Chloroaniline             | 180   | U         | 180 | 210  | 1600       | ug/Kg |
| 87-68-3    | Hexachlorobutadiene         | 170   | U         | 170 | 210  | 840        | ug/Kg |
| 105-60-2   | Caprolactam                 | 320   | U         | 320 | 410  | 1600       | ug/Kg |
| 59-50-7    | 4-Chloro-3-methylphenol     | 5200  | D         | 200 | 210  | 840        | ug/Kg |
| 90-12-0    | 1-Methylnaphthalene         | 120   | U         | 120 | 210  | 840        | ug/Kg |
| 91-57-6    | 2-Methylnaphthalene         | 160   | U         | 160 | 210  | 840        | ug/Kg |
| 77-47-4    | Hexachlorocyclopentadiene   | 480   | U         | 480 | 410  | 1600       | ug/Kg |
| 88-06-2    | 2,4,6-Trichlorophenol       | 2700  | D         | 120 | 210  | 840        | ug/Kg |
| 95-95-4    | 2,4,5-Trichlorophenol       | 3900  | D         | 160 | 210  | 840        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4DK5DL               | SDG No.:        | BG062724                    |
| Lab Sample ID:     | P2934-24DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.2      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 |
| BG061738.D        | 5         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 130   | U         | 130 | 210 | 840        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 160   | U         | 160 | 210 | 840        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 220   | U         | 220 | 210 | 840        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 150   | U         | 150 | 210 | 840        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 3800  | D         | 99  | 210 | 840        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 140   | U         | 140 | 210 | 840        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 330   | U         | 330 | 410 | 1600       | ug/Kg |
| 83-32-9    | Acenaphthene               | 6100  | D         | 130 | 210 | 840        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 650   | U         | 650 | 410 | 1600       | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 2800  | D         | 220 | 410 | 1600       | ug/Kg |
| 132-64-9   | Dibenzofuran               | 130   | U         | 130 | 210 | 840        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 6900  | D         | 170 | 210 | 840        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 2500  | D         | 160 | 210 | 840        | ug/Kg |
| 86-73-7    | Fluorene                   | 4300  | D         | 130 | 210 | 840        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 99    | U         | 99  | 210 | 840        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 120   | U         | 120 | 410 | 1600       | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 190   | U         | 190 | 410 | 1600       | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 120   | U         | 120 | 210 | 840        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 170   | U         | 170 | 210 | 840        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 3100  | D         | 130 | 210 | 840        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 140   | U         | 140 | 210 | 840        | ug/Kg |
| 1912-24-9  | Atrazine                   | 140   | U         | 140 | 410 | 1600       | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 5100  | D         | 440 | 410 | 1600       | ug/Kg |
| 85-01-8    | Phenanthrene               | 4100  | D         | 130 | 210 | 840        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 180   | U         | 180 | 210 | 840        | ug/Kg |
| 120-12-7   | Anthracene                 | 1400  | D         | 120 | 210 | 840        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 84    | U         | 84  | 210 | 840        | ug/Kg |
| 86-74-8    | Carbazole                  | 170   | U         | 170 | 410 | 1600       | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 6900  | D         | 130 | 210 | 840        | ug/Kg |
| 206-44-0   | Fluoranthene               | 3500  | D         | 94  | 410 | 840        | ug/Kg |



|                    |            |              |                 |                       |      |    |
|--------------------|------------|--------------|-----------------|-----------------------|------|----|
| Client:            |            |              | Date Collected: | 6/17/2024 12:00:00 AM |      |    |
| Project:           |            |              | Date Received:  | 6/17/2024 12:00:00 AM |      |    |
| Client Sample ID:  | A4DK5DL    |              | SDG No.:        | BG062724              |      |    |
| Lab Sample ID:     | P2934-24DL |              | Matrix:         | Solid                 |      |    |
| Analytical Method: | SFAM_SVOC  |              | % Moisture:     | 0                     |      |    |
| Sample Wt/Vol:     | 30.2       | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061738.D        | 5         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 7700   | D         | 89     | 210 | 840        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 4600   | D         | 110    | 210 | 840        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 260    | U         | 260    | 410 | 1600       | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 2900   | D         | 110    | 210 | 840        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1900   | D         | 120    | 210 | 840        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 6100   | D         | 120    | 210 | 840        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 7500   | D         | 240    | 410 | 1600       | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1600   | D         | 180    | 210 | 840        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 2500   | D         | 190    | 210 | 840        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1200   | D         | 150    | 210 | 840        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1500   | D         | 140    | 210 | 840        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 4600   | D         | 130    | 210 | 840        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 160    | U         | 160    | 210 | 840        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 180    | U         | 180    | 210 | 840        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.195  |           | 15-120 |     | 65         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 1.7    | U         | 20-120 |     | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.025 |           | 10-130 |     | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.92  |           | 10-150 |     | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.14  |           | 15-120 |     | 65         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.28  |           | 10-140 |     | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.585 |           | 10-135 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.665 |           | 10-120 |     | 64         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.57  |           | 10-140 |     | 86         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.825 |           | 1-145  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.825 |           | 10-145 |     | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.55  |           | 15-120 |     | 84         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.65  |           | 10-150 |     | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 35.935 |           | 20-140 |     | 90         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4DK5DL               | SDG No.:        | BG062724                    |
| Lab Sample ID:     | P2934-24DL            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.2      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 |
| BG061738.D        | 5         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.975 |           | 10-130 |     | 62         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.59  |           | 10-150 |     | 89         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 40.045 |           | 10-130 |     | 100        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.635 |           | 10-140 |     | 89         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 76809  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 362294 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 237318 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 577476 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 482679 | 21.695    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 534374 | 24.909    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000541-73-1                           | Benzene, 1,3-dichloro-        | 2200   | JD        |        |     | 7.941      |          |
| 000106-46-7                           | Benzene, 1,4-dichloro-        | 7600   | JD        |        |     | 8.411      |          |
| E966796                               | Total Alkanes                 | 130    | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B57                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-21              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 42.3                  |
| 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 |
| BG061739.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 47    | U         | 47  | 11.4 | 120        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 100   | U         | 100 | 140  | 570        | ug/Kg |
| 110-86-1       | Pyridine                    | 130   | U         | 130 | 290  | 570        | ug/Kg |
| 108-95-2       | Phenol                      | 52    | U         | 52  | 140  | 570        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 50    | U         | 50  | 140  | 570        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 48    | U         | 48  | 73.4 | 290        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 54    | U         | 54  | 140  | 570        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 69    | U         | 69  | 140  | 570        | ug/Kg |
| 98-86-2        | Acetophenone                | 110   | U         | 110 | 140  | 570        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 92    | U         | 92  | 140  | 570        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 140   | U         | 140 | 73.4 | 290        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 110   | U         | 110 | 73.4 | 290        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 110   | U         | 110 | 73.4 | 290        | ug/Kg |
| 78-59-1        | Isophorone                  | 110   | U         | 110 | 73.4 | 290        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 100   | U         | 100 | 73.4 | 290        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 55    | U         | 55  | 73.4 | 290        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 78    | U         | 78  | 73.4 | 290        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 66    | U         | 66  | 73.4 | 290        | ug/Kg |
| 91-20-3        | Naphthalene                 | 41    | U         | 41  | 73.4 | 290        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 62    | U         | 62  | 73.4 | 570        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 60    | U         | 60  | 73.4 | 290        | ug/Kg |
| 105-60-2       | Caprolactam                 | 110   | U         | 110 | 140  | 570        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 71    | U         | 71  | 73.4 | 290        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 41    | U         | 41  | 73.4 | 290        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 55    | U         | 55  | 73.4 | 290        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 170   | U         | 170 | 140  | 570        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 41    | U         | 41  | 73.4 | 290        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 57    | U         | 57  | 73.4 | 290        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B57                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-21              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 42.3                  |
| 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 |
| BG061739.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 45    | U         | 45  | 73.4 | 290        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 57    | U         | 57  | 73.4 | 290        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 78    | U         | 78  | 73.4 | 290        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 52    | U         | 52  | 73.4 | 290        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 35    | U         | 35  | 73.4 | 290        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 50    | U         | 50  | 73.4 | 290        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 110   | U         | 110 | 140  | 570        | ug/Kg |
| 83-32-9    | Acenaphthene               | 45    | U         | 45  | 73.4 | 290        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 220   | U         | 220 | 140  | 570        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 76    | U         | 76  | 140  | 570        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 47    | U         | 47  | 73.4 | 290        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 60    | U         | 60  | 73.4 | 290        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 57    | U         | 57  | 73.4 | 290        | ug/Kg |
| 86-73-7    | Fluorene                   | 47    | U         | 47  | 73.4 | 290        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 35    | U         | 35  | 73.4 | 290        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 41    | U         | 41  | 140  | 570        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 66    | U         | 66  | 140  | 570        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 41    | U         | 41  | 73.4 | 290        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 59    | U         | 59  | 73.4 | 290        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 45    | U         | 45  | 73.4 | 290        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 48    | U         | 48  | 73.4 | 290        | ug/Kg |
| 1912-24-9  | Atrazine                   | 48    | U         | 48  | 140  | 570        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 150   | U         | 150 | 140  | 570        | ug/Kg |
| 85-01-8    | Phenanthrene               | 47    | U         | 47  | 73.4 | 290        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 64    | U         | 64  | 73.4 | 290        | ug/Kg |
| 120-12-7   | Anthracene                 | 43    | U         | 43  | 73.4 | 290        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 29    | U         | 29  | 73.4 | 290        | ug/Kg |
| 86-74-8    | Carbazole                  | 59    | U         | 59  | 140  | 570        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 47    | U         | 47  | 73.4 | 290        | ug/Kg |
| 206-44-0   | Fluoranthene               | 63    | J         | 33  | 140  | 290        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B57                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-21              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 42.3                  |
| 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 |
| BG061739.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 31     | U         | 31     | 73.4 | 290        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 38     | U         | 38     | 73.4 | 290        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 90     | U         | 90     | 140  | 570        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 40     | U         | 40     | 73.4 | 290        | ug/Kg    |
| 218-01-9          | Chrysene                    | 41     | U         | 41     | 73.4 | 290        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 43     | U         | 43     | 73.4 | 290        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 83     | U         | 83     | 140  | 570        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 64     | U         | 64     | 73.4 | 290        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 66     | U         | 66     | 73.4 | 290        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 54     | U         | 54     | 73.4 | 290        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 48     | U         | 48     | 73.4 | 290        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 45     | U         | 45     | 73.4 | 290        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 55     | U         | 55     | 73.4 | 290        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 62     | U         | 62     | 73.4 | 290        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.506  |           | 15-120 |      | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 21.954 |           | 20-120 |      | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.481 |           | 10-130 |      | 54         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.205 |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.061 |           | 15-120 |      | 55         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.782 |           | 10-140 |      | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.629 |           | 10-135 |      | 57         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 23.92  |           | 10-120 |      | 60         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.139 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.775 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.022 |           | 10-145 |      | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.446 |           | 15-120 |      | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.423 |           | 10-150 |      | 51         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.939 |           | 20-140 |      | 65         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B57              | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-21           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 42.3                  |
| 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 |
| BG061739.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                         | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 18.967 |           | 10-130 |     | 47         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 25.903 |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 29.615 |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 27.703 |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 58544  | 8.054     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 289067 | 10.869    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 191613 | 14.688    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 454167 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 368374 | 21.691    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 408685 | 24.911    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |        |           |        |     |            |          |
|                                       | unknown-01                        | 260    | J         |        |     | 3.724      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester | 130    | J         |        |     | 9.776      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol              | 250    | J         |        |     | 11.597     |          |
| 000506-12-7                           | Heptadecanoic acid                | 150    | J         |        |     | 18.313     |          |
|                                       | (DEL) Alkane: Straight-Chain      | 270    | J         |        |     | 21.345     |          |
| E966796                               | Total Alkanes                     | 270    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B73     | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-22  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 59.3                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           |                 | uL                    |
| Extraction Type :  |           | Test:           |                       |
|                    |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061740.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 66    | U         | 66  | 16.2 | 160        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 140   | U         | 140 | 200  | 810        | ug/Kg |
| 110-86-1       | Pyridine                    | 190   | U         | 190 | 410  | 810        | ug/Kg |
| 108-95-2       | Phenol                      | 74    | U         | 74  | 200  | 810        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 71    | U         | 71  | 200  | 810        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 69    | U         | 69  | 100  | 420        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 76    | U         | 76  | 200  | 810        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 98    | U         | 98  | 200  | 810        | ug/Kg |
| 98-86-2        | Acetophenone                | 160   | U         | 160 | 200  | 810        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 130   | U         | 130 | 200  | 810        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 190   | U         | 190 | 100  | 420        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 150   | U         | 150 | 100  | 420        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 160   | U         | 160 | 100  | 420        | ug/Kg |
| 78-59-1        | Isophorone                  | 160   | U         | 160 | 100  | 420        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 150   | U         | 150 | 100  | 420        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 79    | U         | 79  | 100  | 420        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 110   | U         | 110 | 100  | 420        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 93    | U         | 93  | 100  | 420        | ug/Kg |
| 91-20-3        | Naphthalene                 | 59    | U         | 59  | 100  | 420        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 88    | U         | 88  | 100  | 810        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 86    | U         | 86  | 100  | 420        | ug/Kg |
| 105-60-2       | Caprolactam                 | 160   | U         | 160 | 200  | 810        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 100   | U         | 100 | 100  | 420        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 59    | U         | 59  | 100  | 420        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 79    | U         | 79  | 100  | 420        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 240   | U         | 240 | 200  | 810        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 59    | U         | 59  | 100  | 420        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 81    | U         | 81  | 100  | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B73        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.3                  |
| 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 |
| BG061740.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 64    | U         | 64  | 100 | 420        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 81    | U         | 81  | 100 | 420        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 110   | U         | 110 | 100 | 420        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 74    | U         | 74  | 100 | 420        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 49    | U         | 49  | 100 | 420        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 71    | U         | 71  | 100 | 420        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 160   | U         | 160 | 200 | 810        | ug/Kg |
| 83-32-9    | Acenaphthene               | 64    | U         | 64  | 100 | 420        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 320   | U         | 320 | 200 | 810        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 110   | U         | 110 | 200 | 810        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 66    | U         | 66  | 100 | 420        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 86    | U         | 86  | 100 | 420        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 81    | U         | 81  | 100 | 420        | ug/Kg |
| 86-73-7    | Fluorene                   | 66    | U         | 66  | 100 | 420        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 49    | U         | 49  | 100 | 420        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 59    | U         | 59  | 200 | 810        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 93    | U         | 93  | 200 | 810        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 59    | U         | 59  | 100 | 420        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 84    | U         | 84  | 100 | 420        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 64    | U         | 64  | 100 | 420        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 69    | U         | 69  | 100 | 420        | ug/Kg |
| 1912-24-9  | Atrazine                   | 69    | U         | 69  | 200 | 810        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 220   | U         | 220 | 200 | 810        | ug/Kg |
| 85-01-8    | Phenanthrene               | 320   | J         | 66  | 100 | 420        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 91    | U         | 91  | 100 | 420        | ug/Kg |
| 120-12-7   | Anthracene                 | 61    | U         | 61  | 100 | 420        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 42    | U         | 42  | 100 | 420        | ug/Kg |
| 86-74-8    | Carbazole                  | 84    | U         | 84  | 200 | 810        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 66    | U         | 66  | 100 | 420        | ug/Kg |
| 206-44-0   | Fluoranthene               | 760   |           | 47  | 200 | 420        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B73        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.3                  |
| 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 |
| BG061740.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 440    |           | 44     | 100 | 420        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 54     | U         | 54     | 100 | 420        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 130    | U         | 130    | 200 | 810        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 230    | J         | 57     | 100 | 420        | ug/Kg    |
| 218-01-9          | Chrysene                    | 300    | J         | 59     | 100 | 420        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 170    | J         | 61     | 100 | 420        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 120    | U         | 120    | 200 | 810        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 390    | J         | 91     | 100 | 420        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 110    | J         | 93     | 100 | 420        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 130    | J         | 76     | 100 | 420        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 110    | J         | 69     | 100 | 420        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 64     | U         | 64     | 100 | 420        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 79     | U         | 79     | 100 | 420        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 88     | U         | 88     | 100 | 420        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.246  |           | 15-120 |     | 53         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.534  | *         | 20-120 |     | 6          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.902 |           | 10-130 |     | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.307 |           | 10-150 |     | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.755 |           | 15-120 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 22.141 |           | 10-140 |     | 55         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.592 |           | 10-135 |     | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.659 |           | 10-120 |     | 67         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.045 |           | 10-140 |     | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.118 |           | 1-145  |     | 25         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.66  |           | 10-145 |     | 69         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 27.906 |           | 15-120 |     | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.331 |           | 10-150 |     | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.434 |           | 20-140 |     | 71         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B73        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-22     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 59.3                  |
| 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 |
| BG061740.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 22.428 |           | 10-130 |     | 56         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.947 |           | 10-150 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 27.738 |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 18.369 |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 58162  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 273273 | 10.866    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 184193 | 14.685    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 440279 | 17.429    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 365310 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 399539 | 24.908    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                   | 550    | J         |        |     | 3.722      |          |
| 000075-76-3                           | Silane, tetramethyl-               | 570    | J         |        |     | 5.132      |          |
|                                       | unknown-01                         | 250    | J         |        |     | 7.635      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 190    | J         |        |     | 9.773      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 480    | J         |        |     | 11.601     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 600    | J         |        |     | 18.316     |          |
|                                       | (DEL) Alkane: Cyclic21.342         | 770    | J         |        |     | 21.342     |          |
| 1010309-18-1                          | Sulfurous acid, butyl tetradecyl e | 620    | J         |        |     | 24.033     |          |
| E966796                               | Total Alkanes                      | 770    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061742.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061742.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061742.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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              | 6.447  |           | 15-120 |     | 81         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 25.845 |           | 20-120 |     | 65         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.249 |           | 10-130 |     | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.211 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.516 |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.978 |           | 25-125 |     | 62         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.224 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.704 |           | 20-130 |     | 89         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 29.037 |           | 20-120 |     | 73         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.293 |           | 1-146  |     | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 30.894 |           | 25-130 |     | 77         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.695 |           | 10-130 |     | 79         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.29  |           | 10-150 |     | 73         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.336 |           | 25-125 |     | 78         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SBLK760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BL             | 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 |
| BG061742.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 28.104 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 32.061 |           | 25-130 |     | 80         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 35.359 |           | 15-130 |     | 88         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 33.358 |           | 20-130 |     | 83         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 79475  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 348507 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 232336 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 558884 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 484022 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 527087 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 6/18/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 6/18/2024 12:00:00 AM |    |
| Client Sample ID:  | SBLK561      |        |    | SDG No.:        | BG062724              |    |
| Lab Sample ID:     | PB161561BL   |        |    | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061743.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BL             | 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 |
| BG061743.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BL             | 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 |
| BG061743.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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              | 6.564  |           | 15-120 |     | 82         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 27.019 |           | 20-120 |     | 68         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.172 |           | 10-130 |     | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.115 |           | 25-120 |     | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.208 |           | 20-130 |     | 66         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.979 |           | 25-125 |     | 62         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.308 |           | 20-125 |     | 73         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.9   |           | 20-130 |     | 82         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.033 |           | 20-120 |     | 68         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.864 |           | 1-146  |     | 55         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.391 |           | 25-130 |     | 71         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.658 |           | 10-130 |     | 72         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 27.673 |           | 10-150 |     | 69         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.664 |           | 25-125 |     | 72         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BL             | 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 |
| BG061743.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.964 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.035 |           | 25-130 |     | 75         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.878 |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.145 |           | 20-130 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 73173  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 343146 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 231734 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 547877 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 489737 | 21.691    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 541372 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B56                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 36.5                  |
| 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 |
| BG061744.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 42    | U         | 42  | 10.4 | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 91    | U         | 91  | 130  | 520        | ug/Kg |
| 110-86-1       | Pyridine                    | 120   | U         | 120 | 260  | 520        | ug/Kg |
| 108-95-2       | Phenol                      | 47    | U         | 47  | 130  | 520        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 46    | U         | 46  | 130  | 520        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 44    | U         | 44  | 66.7 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 49    | U         | 49  | 130  | 520        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 63    | U         | 63  | 130  | 520        | ug/Kg |
| 98-86-2        | Acetophenone                | 100   | U         | 100 | 130  | 520        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 83    | U         | 83  | 130  | 520        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 120   | U         | 120 | 66.7 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 96    | U         | 96  | 66.7 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 100   | U         | 100 | 66.7 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 100   | U         | 100 | 66.7 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94    | U         | 94  | 66.7 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 50    | U         | 50  | 66.7 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 71    | U         | 71  | 66.7 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 60    | U         | 60  | 66.7 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 38    | U         | 38  | 66.7 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 57    | U         | 57  | 66.7 | 520        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55    | U         | 55  | 66.7 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 100   | U         | 100 | 130  | 520        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 64    | U         | 64  | 66.7 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 38    | U         | 38  | 66.7 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 50    | U         | 50  | 66.7 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 130  | 520        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 38    | U         | 38  | 66.7 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 52    | U         | 52  | 66.7 | 270        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B56                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 36.5                  |
| 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 |
| BG061744.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 41    | U         | 41  | 66.7 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 52    | U         | 52  | 66.7 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 71    | U         | 71  | 66.7 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 66.7 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 66.7 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 46    | U         | 46  | 66.7 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 100   | U         | 100 | 130  | 520        | ug/Kg |
| 83-32-9    | Acenaphthene               | 41    | U         | 41  | 66.7 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 200   | U         | 200 | 130  | 520        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 69    | U         | 69  | 130  | 520        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 42    | U         | 42  | 66.7 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    | U         | 55  | 66.7 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 52    | U         | 52  | 66.7 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 42    | U         | 42  | 66.7 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 31    | U         | 31  | 66.7 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 38    | U         | 38  | 130  | 520        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 60    | U         | 60  | 130  | 520        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 38    | U         | 38  | 66.7 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    | U         | 53  | 66.7 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 41    | U         | 41  | 66.7 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 44    | U         | 44  | 66.7 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 130  | 520        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 520        | ug/Kg |
| 85-01-8    | Phenanthrene               | 65    | J         | 42  | 66.7 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 66.7 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 39    | U         | 39  | 66.7 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 27    | U         | 27  | 66.7 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 53    | U         | 53  | 130  | 520        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 66.7 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 110   | J         | 30  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B56                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-20              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 36.5                  |
| 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 |
| BG061744.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 100    | J         | 28     | 66.7 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 35     | U         | 35     | 66.7 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 82     | U         | 82     | 130  | 520        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 36     | U         | 36     | 66.7 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 38     | U         | 38     | 66.7 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 39     | U         | 39     | 66.7 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 75     | U         | 75     | 130  | 520        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 58     | U         | 58     | 66.7 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 60     | U         | 60     | 66.7 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 49     | U         | 49     | 66.7 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 44     | U         | 44     | 66.7 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 41     | U         | 41     | 66.7 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 50     | U         | 50     | 66.7 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 57     | U         | 57     | 66.7 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.296  |           | 15-120 |      | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 20.259 |           | 20-120 |      | 51         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 20.223 |           | 10-130 |      | 51         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.866 |           | 10-150 |      | 52         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.684 |           | 15-120 |      | 52         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.459 |           | 10-140 |      | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.507 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 25.805 |           | 10-120 |      | 65         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.362 |           | 10-140 |      | 56         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 21.425 |           | 1-145  |      | 54         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.482 |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.658 |           | 15-120 |      | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 22.92  |           | 10-150 |      | 57         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.654 |           | 20-140 |      | 69         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B56              | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-20           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 36.5                  |
| 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 |
| BG061744.D        | 1         | 6/19/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 21.839 |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 26.744 |           | 10-150 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 31.532 |           | 10-130 |     | 79         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 28.062 |           | 10-140 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 62282  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 292605 | 10.866    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 193021 | 14.685    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 458757 | 17.429    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 374942 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 419266 | 24.909    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 350    | J         |        |     | 3.728      |          |
| 000112-50-5                           | Ethanol, 2-[2-(2-ethoxyethoxy)etho | 130    | J         |        |     | 7.635      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 120    | J         |        |     | 9.774      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 260    | J         |        |     | 11.601     |          |
| 000638-53-9                           | Tridecanoic acid                   | 270    | J         |        |     | 18.311     |          |
| 1000406-04-8                          | Pentadecafluorooctanoic acid, octa | 260    | J         |        |     | 21.348     |          |
| 1000163-04-7                          | Docosa-2,6,10,14,18-pentaen-22-al, | 440    | J         |        |     | 23.405     |          |
| E966796                               | Total Alkanes                      | 41     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM   |
| Client Sample ID:  | E08C7                  | SDG No.:        | BG062724                |
| Lab Sample ID:     | P3055-01               | 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 |
| BG061745.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-01               | 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 |
| BG061745.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-01               | 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 |
| BG061745.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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              | 4.774  |           | 15-120 |     | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.851  | *         | 20-120 |     | 17         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.714  |           | 10-130 |     | 24         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 35.109 |           | 25-120 |     | 88         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.156 |           | 20-130 |     | 75         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.635 |           | 25-125 |     | 52         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 38.498 |           | 20-125 |     | 96         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.831 |           | 20-130 |     | 102        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.38  |           | 20-120 |     | 83         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.496 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 35.535 |           | 25-130 |     | 89         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 35.297 |           | 10-130 |     | 88         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.475  |           | 10-150 |     | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.248 |           | 25-125 |     | 91         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-01               | 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 |
| BG061745.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 37.986 |           | 10-130 |     | 95         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 40.016 |           | 25-130 |     | 100        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 44.444 |           | 15-130 |     | 111        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 40.617 |           | 20-130 |     | 102        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 72866  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 350592 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 241547 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 567397 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 466450 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 525993 | 24.903    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000095-16-9                           | Benzothiazole                 | 6.6    | J         |        |     | 11.519     |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                                         |
|--------------------|------------------------|-----------------|-----------------------------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM                   |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM                   |
| Client Sample ID:  | E08C9                  | SDG No.:        | BG062724                                |
| Lab Sample ID:     | P3055-03               | 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 |
| BG061746.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C9                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-03               | 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 |
| BG061746.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C9                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-03               | 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 |
| BG061746.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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              | 5.722  |           | 15-120 |     | 72         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.503  | *         | 20-120 |     | 14         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 11.124 |           | 10-130 |     | 28         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 41.958 |           | 25-120 |     | 105        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 36.287 |           | 20-130 |     | 91         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.592 |           | 25-125 |     | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 44.657 |           | 20-125 |     | 112        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 49.403 |           | 20-130 |     | 124        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 38.315 |           | 20-120 |     | 96         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.638 |           | 1-146  |     | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 41.469 |           | 25-130 |     | 104        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 42.014 |           | 10-130 |     | 105        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.296 |           | 10-150 |     | 26         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 41.951 |           | 25-125 |     | 105        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08C9                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-03               | 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 |
| BG061746.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 41.868 |           | 10-130 |     | 105        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 43.468 |           | 25-130 |     | 109        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 48.377 |           | 15-130 |     | 121        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 45.493 |           | 20-130 |     | 114        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 66338  | 8.053     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 338578 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 224517 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 523314 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 424668 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 484774 | 24.91     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000095-16-9                           | Benzothiazole                 | 7.1    | J         |        |     | 11.514     |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM   |
| Client Sample ID:  | E08D4                  | SDG No.:        | BG062724                |
| Lab Sample ID:     | P3055-05               | 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 |
| BG061747.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08D4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-05               | 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 |
| BG061747.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08D4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-05               | 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 |
| BG061747.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| 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              | 6.189  |           | 15-120 |     | 77         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.026  |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.138 |           | 10-130 |     | 30         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 44.569 |           | 25-120 |     | 111        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 38.848 |           | 20-130 |     | 97         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.951 |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 49.505 |           | 20-125 |     | 124        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 54.182 | *         | 20-130 |     | 135        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 41.554 |           | 20-120 |     | 104        | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 34.233 |           | 1-146  |     | 86         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 45.372 |           | 25-130 |     | 113        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 47.383 |           | 10-130 |     | 118        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.56  |           | 10-150 |     | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 46.87  |           | 25-125 |     | 117        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/23/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/23/2024 12:00:00 AM |
| Client Sample ID:  | E08D4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-05               | 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 |
| BG061747.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 47.98  |           | 10-130 |     | 120        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 48.637 |           | 25-130 |     | 122        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 52.796 | *         | 15-130 |     | 132        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 50.885 |           | 20-130 |     | 127        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 60818  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 296348 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 194052 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 462684 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 398564 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 432942 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000112-34-5                           | Ethanol, 2-(2-butoxyethoxy)-  | 5      | J         |        |     | 10.626     |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/24/2024 12:00:00 AM |
| Client Sample ID:  | E08D7                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-07              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061748.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 1.2   | U         | 1.2  | 0.51 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 2.3   | U         | 2.3  | 5.1  | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 2.2   | U         | 2.2  | 10.1 | 10         | ug/L  |
| 108-95-2       | Phenol                      | 1.5   | U         | 1.5  | 5.1  | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1.3   | U         | 1.3  | 5.1  | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |
| 95-48-7        | 2-Methylphenol              | 0.83  | U         | 0.83 | 5.1  | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1.2   | U         | 1.2  | 5.1  | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 0.9   | U         | 0.9  | 5.1  | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 1.2   | U         | 1.2  | 5.1  | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 67-72-1        | Hexachloroethane            | 1.5   | U         | 1.5  | 2.5  | 5.1        | ug/L  |
| 98-95-3        | Nitrobenzene                | 1     | U         | 1    | 2.5  | 5.1        | ug/L  |
| 78-59-1        | Isophorone                  | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 1.1   | U         | 1.1  | 2.5  | 5.1        | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1.2   | U         | 1.2  | 2.5  | 5.1        | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 0.94  | U         | 0.94 | 2.5  | 5.1        | ug/L  |
| 91-20-3        | Naphthalene                 | 0.71  | U         | 0.71 | 2.5  | 5.1        | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 1.8   | U         | 1.8  | 2.5  | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 0.99  | U         | 0.99 | 2.5  | 5.1        | ug/L  |
| 105-60-2       | Caprolactam                 | 2.9   | U         | 2.9  | 5.1  | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 2     | U         | 2    | 2.5  | 5.1        | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 1     | U         | 1    | 2.5  | 5.1        | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 1.6   | U         | 1.6  | 2.5  | 5.1        | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 3.1   | U         | 3.1  | 5.1  | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 0.82  | U         | 0.82 | 2.5  | 5.1        | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 0.81  | U         | 0.81 | 2.5  | 5.1        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/24/2024 12:00:00 AM |
| Client Sample ID:  | E08D7                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-07              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061748.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1     | U         | 1    | 2.5 | 5.1        | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 1.7   | U         | 1.7  | 2.5 | 5.1        | ug/L  |
| 131-11-3   | Dimethylphthalate          | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 1.3   | U         | 1.3  | 2.5 | 5.1        | ug/L  |
| 208-96-8   | Acenaphthylene             | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 1.5   | U         | 1.5  | 5.1 | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 2.8   | U         | 2.8  | 5.1 | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 1.4   | U         | 1.4  | 5.1 | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 0.88  | U         | 0.88 | 2.5 | 5.1        | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 1.1   | U         | 1.1  | 2.5 | 5.1        | ug/L  |
| 84-66-2    | Diethylphthalate           | 0.88  | U         | 0.88 | 2.5 | 5.1        | ug/L  |
| 86-73-7    | Fluorene                   | 0.88  | U         | 0.88 | 2.5 | 5.1        | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 0.97  | U         | 0.97 | 2.5 | 5.1        | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1.2   | U         | 1.2  | 5.1 | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 0.72  | U         | 0.72 | 2.5 | 5.1        | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 0.91  | U         | 0.91 | 2.5 | 5.1        | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1.4   | U         | 1.4  | 2.5 | 5.1        | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 0.57  | U         | 0.57 | 2.5 | 5.1        | ug/L  |
| 1912-24-9  | Atrazine                   | 0.97  | U         | 0.97 | 5.1 | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 2.5   | U         | 2.5  | 5.1 | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 0.98  | U         | 0.98 | 2.5 | 5.1        | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 1.2   | U         | 1.2  | 2.5 | 5.1        | ug/L  |
| 120-12-7   | Anthracene                 | 0.73  | U         | 0.73 | 2.5 | 5.1        | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 0.93  | U         | 0.93 | 2.5 | 5.1        | ug/L  |
| 86-74-8    | Carbazole                  | 1     | U         | 1    | 5.1 | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 0.82  | U         | 0.82 | 2.5 | 5.1        | ug/L  |
| 206-44-0   | Fluoranthene               | 0.66  | U         | 0.66 | 5.1 | 5.1        | ug/L  |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/24/2024 12:00:00 AM |
| Client Sample ID:  | E08D7                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-07              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061748.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.54   | U         | 0.54   | 2.5 | 5.1        | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.98   | U         | 0.98   | 2.5 | 5.1        | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5.1 | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.57   | U         | 0.57   | 2.5 | 5.1        | ug/L     |
| 218-01-9          | Chrysene                    | 0.76   | U         | 0.76   | 2.5 | 5.1        | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.88   | U         | 0.88   | 2.5 | 5.1        | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5.1 | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5.1        | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5.1        | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5.1        | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5.1        | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.423  |           | 15-120 |     | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 6.064  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 10.903 |           | 10-130 |     | 27         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 42.692 |           | 25-120 |     | 107        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 37.522 |           | 20-130 |     | 94         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 24.352 |           | 25-125 |     | 61         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 49.794 |           | 20-125 |     | 124        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 57.029 | *         | 20-130 |     | 143        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 42.958 |           | 20-120 |     | 107        | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 8.493  |           | 1-146  |     | 21         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 44.06  |           | 25-130 |     | 110        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 44.49  |           | 10-130 |     | 111        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.82  |           | 10-150 |     | 27         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 46.04  |           | 25-125 |     | 115        | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/24/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/24/2024 12:00:00 AM |
| Client Sample ID:  | E08D7                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P3055-07              | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                    | Test:           |                       |
| Extraction Type :  | Decanted :            | Level :         | LOW                   |
| Injection Volume : | GPC Factor :          | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061748.D        | 1         | 6/26/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 47.809 |           | 10-130 |     | 120        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 47.106 |           | 25-130 |     | 118        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 54.407 | *         | 15-130 |     | 136        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 51.922 |           | 20-130 |     | 130        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 68392  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 309448 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 211238 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 489930 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 398865 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 439538 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 1      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                                 |
|--------------------|------------------------|-----------------|---------------------------------|
| Client:            |                        | Date Collected: | 6/14/2024 12:00:00 AM           |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM           |
| Client Sample ID:  | E1G85                  | SDG No.:        | BG062724                        |
| Lab Sample ID:     | P2898-07               | 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 |
| BG061749.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1G85                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-07               | 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 |
| BG061749.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1G85                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-07               | 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 |
| BG061749.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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              | 6.776  |           | 15-120 |     | 85         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.153 |           | 20-120 |     | 33         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.184  |           | 10-130 |     | 18         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 33.604 |           | 25-120 |     | 84         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.537 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.285 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 38.48  |           | 20-125 |     | 96         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.589 |           | 20-130 |     | 101        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.749 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.818 |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.982 |           | 25-130 |     | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.029 |           | 10-130 |     | 90         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.94   |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.142 |           | 25-125 |     | 90         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1G85                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-07               | 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 |
| BG061749.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                        | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|----------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2    | 35.058 |           | 10-130 |     | 88         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                   | 36.963 |           | 25-130 |     | 92         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                       | 41.706 |           | 15-130 |     | 104        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12               | 39.241 |           | 20-130 |     | 98         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                  |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4           | 69936  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                   | 328052 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                 | 222066 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                 | 535811 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                     | 448505 | 21.691    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                     | 487692 | 24.899    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                  |        |           |        |     |            |          |
| 168920-36-3                           | Methoxyacetic acid, heptyl ester | 2.3    | J         |        |     | 10.627     |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol             | 2.2    | J         |        |     | 11.597     |          |
|                                       | (DEL) Alkane: Straight-Chain     | 21.338 | J         |        |     | 21.338     |          |
| E966796                               | Total Alkanes                    | 3      |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM        |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM        |
| Client Sample ID:  | E1GC3                  | SDG No.:        | BG062724                     |
| Lab Sample ID:     | P2898-12               | 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 |
| BG061750.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GC3                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-12               | 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 |
| BG061750.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GC3                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-12               | 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 |
| BG061750.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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              | 5.463  |           | 15-120 |     | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.05  |           | 20-120 |     | 30         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.538  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.512 |           | 25-120 |     | 86         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.603 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.006 |           | 25-125 |     | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.825 |           | 20-125 |     | 95         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 41.677 |           | 20-130 |     | 104        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.035 |           | 20-120 |     | 78         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.931 |           | 1-146  |     | 72         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 36.913 |           | 25-130 |     | 92         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 37.735 |           | 10-130 |     | 94         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.303  |           | 10-150 |     | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 37.433 |           | 25-125 |     | 94         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GC3                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-12               | 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 |
| BG061750.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 36.605 |           | 10-130 |     | 92         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 39.394 |           | 25-130 |     | 98         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 43.571 |           | 15-130 |     | 109        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 41.347 |           | 20-130 |     | 103        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 65993  | 8.052     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 311622 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 200922 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 498521 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 426660 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 469720 | 24.903    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000066-25-1                           | Hexanal                            | 4.7    | J         |        |     | 4.58       |          |
| 000106-67-2                           | 1-Pentanol, 2-ethyl-4-methyl-      | 10     | J         |        |     | 8.105      |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 5.2    | J         |        |     | 18.088     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/14/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM   |
| Client Sample ID:  | E1GC4                  | SDG No.:        | BG062724                |
| Lab Sample ID:     | P2898-13               | 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 |
| BG061751.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1GC4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-13               | 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 |
| BG061751.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1GC4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-13               | 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 |
| BG061751.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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              | 6.312  |           | 15-120 |     | 79         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.301 |           | 20-120 |     | 38         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.769  |           | 10-130 |     | 22         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 41.059 |           | 25-120 |     | 103        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.738 |           | 20-130 |     | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.467 |           | 25-125 |     | 49         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 43.867 |           | 20-125 |     | 110        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 46.346 |           | 20-130 |     | 116        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 35.598 |           | 20-120 |     | 89         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 34.82  |           | 1-146  |     | 87         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 40.754 |           | 25-130 |     | 102        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 41.674 |           | 10-130 |     | 104        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.37   |           | 10-150 |     | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 41.213 |           | 25-125 |     | 103        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/14/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/14/2024 12:00:00 AM |
| Client Sample ID:  | E1GC4                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-13               | 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 |
| BG061751.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 30.77  |           | 10-130 |     | 77         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 44.715 |           | 25-130 |     | 112        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 48.744 |           | 15-130 |     | 122        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 46.459 |           | 20-130 |     | 116        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 61342  | 8.055     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 291604 | 10.869    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 197803 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 475551 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 406897 | 21.686    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 445192 | 24.9      |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain8.108  | 5.2    | J         |        |     | 8.108      |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 9.9    | J         |        |     | 18.09      |          |
| E966796                               | Total Alkanes                      | 5.2    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/12/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/12/2024 12:00:00 AM   |
| Client Sample ID:  | E1GD7                  | SDG No.:        | BG062724                |
| Lab Sample ID:     | P2898-14               | 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 |
| BG061752.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/12/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/12/2024 12:00:00 AM |
| Client Sample ID:  | E1GD7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-14               | 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 |
| BG061752.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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: | 6/12/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/12/2024 12:00:00 AM |
| Client Sample ID:  | E1GD7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-14               | 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 |
| BG061752.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| 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> |                             |        |           |        |     |            |          |
| 7291-22-7         | Pyridine-d5                 | 4.955  | *         | 20-120 |     | 12         | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.66   |           | 15-120 |     | 71         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 7.833  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.335 |           | 25-120 |     | 86         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.839 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.4   |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.553 |           | 20-125 |     | 94         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 39.857 |           | 20-130 |     | 100        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.41  |           | 20-120 |     | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.182 |           | 1-146  |     | 45         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.905 |           | 25-130 |     | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 35.882 |           | 10-130 |     | 90         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.467  |           | 10-150 |     | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 35.871 |           | 25-125 |     | 90         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/12/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/12/2024 12:00:00 AM |
| Client Sample ID:  | E1GD7                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-14               | 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 |
| BG061752.D        | 1         | 6/18/2024 12:00:00 AM | 6/27/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 35.553 |           | 10-130 |     | 89         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 40.173 |           | 25-130 |     | 100        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 44.616 |           | 15-130 |     | 112        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 41.544 |           | 20-130 |     | 104        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 58115  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 292132 | 10.864    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 194107 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 461826 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 386192 | 21.687    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 427145 | 24.901    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 4.8    | J         |        |     | 18.085     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GD8                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-15               | 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 |
| BG061753.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GD8                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-15               | 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 |
| BG061753.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GD8                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-15               | 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 |
| BG061753.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| 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              | 5.248  |           | 15-120 |     | 66         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.012  | *         | 20-120 |     | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.162  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 36.234 |           | 25-120 |     | 91         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.562 |           | 20-130 |     | 71         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.604 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 42.132 |           | 20-125 |     | 105        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 43.41  |           | 20-130 |     | 109        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.156 |           | 20-120 |     | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.201 |           | 1-146  |     | 46         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 38.576 |           | 25-130 |     | 96         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 39.7   |           | 10-130 |     | 99         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.743  |           | 10-150 |     | 22         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 40.323 |           | 25-125 |     | 101        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GD8                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-15               | 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 |
| BG061753.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 41.316 |           | 10-130 |     | 103        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 44.949 |           | 25-130 |     | 112        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 49.031 |           | 15-130 |     | 123        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 45.327 |           | 20-130 |     | 113        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 59649  | 8.058     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 277989 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 185834 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 442425 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 374668 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 419457 | 24.903    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 2.2    | J         |        |     | 3.722      |          |
| 000066-25-1                           | Hexanal                            | 3.4    | J         |        |     | 4.574      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 2.8    | J         |        |     | 11.601     |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 5.9    | J         |        |     | 18.088     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB5        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.8                  |
| 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 |
| BG061754.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 35    | U         | 35  | 8.5  | 86         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 75    | U         | 75  | 110  | 430        | ug/Kg |
| 110-86-1       | Pyridine                    | 100   | U         | 100 | 210  | 430        | ug/Kg |
| 108-95-2       | Phenol                      | 39    | U         | 39  | 110  | 430        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 38    | U         | 38  | 110  | 430        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 36    | U         | 36  | 55.1 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 40    | U         | 40  | 110  | 430        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 52    | U         | 52  | 110  | 430        | ug/Kg |
| 98-86-2        | Acetophenone                | 85    | U         | 85  | 110  | 430        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 69    | U         | 69  | 110  | 430        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 100   | U         | 100 | 55.1 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 79    | U         | 79  | 55.1 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 83    | U         | 83  | 55.1 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 85    | U         | 85  | 55.1 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 78    | U         | 78  | 55.1 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 55.1 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 58    | U         | 58  | 55.1 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 49    | U         | 49  | 55.1 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 31    | U         | 31  | 55.1 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 47    | U         | 47  | 55.1 | 430        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 45    | U         | 45  | 55.1 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 83    | U         | 83  | 110  | 430        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 53    | U         | 53  | 55.1 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 31    | U         | 31  | 55.1 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 41    | U         | 41  | 55.1 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 430        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 31    | U         | 31  | 55.1 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 43    | U         | 43  | 55.1 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB5        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.8                  |
| 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 |
| BG061754.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 34    | U         | 34  | 55.1 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 43    | U         | 43  | 55.1 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 58    | U         | 58  | 55.1 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 39    | U         | 39  | 55.1 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 26    | U         | 26  | 55.1 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 38    | U         | 38  | 55.1 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 85    | U         | 85  | 110  | 430        | ug/Kg |
| 83-32-9    | Acenaphthene               | 34    | U         | 34  | 55.1 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 110  | 430        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 57    | U         | 57  | 110  | 430        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 35    | U         | 35  | 55.1 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 55.1 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 43    | U         | 43  | 55.1 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 35    | U         | 35  | 55.1 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    | U         | 26  | 55.1 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 110  | 430        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 49    | U         | 49  | 110  | 430        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 31    | U         | 31  | 55.1 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 44    | U         | 44  | 55.1 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 34    | U         | 34  | 55.1 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 36    | U         | 36  | 55.1 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 36    | U         | 36  | 110  | 430        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 110   | U         | 110 | 110  | 430        | ug/Kg |
| 85-01-8    | Phenanthrene               | 35    | U         | 35  | 55.1 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 48    | U         | 48  | 55.1 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 55.1 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 22    | U         | 22  | 55.1 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 44    | U         | 44  | 110  | 430        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 35    | U         | 35  | 55.1 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 25    | U         | 25  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB5        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.8                  |
| 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 |
| BG061754.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 23     | U         | 23     | 55.1 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 28     | U         | 28     | 55.1 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 67     | U         | 67     | 110  | 430        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 30     | U         | 30     | 55.1 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 55.1 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 32     | U         | 32     | 55.1 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 62     | U         | 62     | 110  | 430        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 48     | U         | 48     | 55.1 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 49     | U         | 49     | 55.1 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 40     | U         | 40     | 55.1 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 36     | U         | 36     | 55.1 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 34     | U         | 34     | 55.1 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 41     | U         | 41     | 55.1 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47     | U         | 47     | 55.1 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 7291-22-7         | Pyridine-d5                 | 22.718 |           | 20-120 |      | 57         | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.838  |           | 15-120 |      | 60         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 29.467 |           | 10-130 |      | 74         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.963 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.872 |           | 15-120 |      | 75         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.259 |           | 10-140 |      | 71         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.076 |           | 10-135 |      | 85         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 38.394 |           | 10-120 |      | 96         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.773 |           | 10-140 |      | 79         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.942 |           | 1-145  |      | 52         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 31.019 |           | 10-145 |      | 78         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.529 |           | 15-120 |      | 81         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.321 |           | 10-150 |      | 66         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.618 |           | 20-140 |      | 79         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB5        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-13     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 22.8                  |
| 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 |
| BG061754.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number                            | Parameter                         | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 29.165 |           | 10-130 |     | 73         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 33.379 |           | 10-150 |     | 83         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 37.943 |           | 10-130 |     | 95         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 33.75  |           | 10-140 |     | 84         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 70235  | 8.052     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 330589 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 217884 | 14.68     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 466127 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 336695 | 21.689    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 397279 | 24.915    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                  | 400    | J         |        |     | 3.722      |          |
|                                       | unknown-01                        | 160    | J         |        |     | 7.635      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester | 96     | J         |        |     | 9.774      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol              | 350    | J         |        |     | 11.595     |          |
| 000057-10-3                           | n-Hexadecanoic acid               | 350    | J         |        |     | 18.311     |          |
| E966796                               | Total Alkanes                     | 34     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM   |
| Client Sample ID:  | SLCS760                | SDG No.:        | BG062724                |
| Lab Sample ID:     | PB161760BS             | 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 |
| BG061755.D        | 1         | 6/26/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161760      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    |           | 1.2  | 0.5 | 2          | ug/L  |
| 110-86-1       | Pyridine                    | 31    |           | 2.2  | 10  | 10         | ug/L  |
| 100-52-7       | Benzaldehyde                | 38    |           | 2.3  | 5   | 10         | ug/L  |
| 108-95-2       | Phenol                      | 35    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 37    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 35    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 36    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 34    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 34    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 38    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 38    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 33    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 43    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 29    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 34    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 37    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 34    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 28    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 38    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 34    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 33    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 34    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 29    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 38    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 40    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BS             | 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 |
| BG061755.D        | 1         | 6/26/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161760      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 38    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 38    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 46    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 34    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 43    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 36    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 44    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 35    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 26    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 37    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 35    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 43    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 35    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 35    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 35    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 45    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 33    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 37    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 37    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 35    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 13    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 30    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 35    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 38    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 34    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 42    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 36    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 38    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 42    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BS             | 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 |
| BG061755.D        | 1         | 6/26/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161760      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 41     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 47     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 35     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 37     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 37     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 44     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 47     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 39     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 37     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 35     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 39     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 38     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 38     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 34     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 8.308  |           | 15-120 |     | 104        | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 31.847 |           | 20-120 |     | 80         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 35.394 |           | 10-130 |     | 88         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.759 |           | 25-120 |     | 87         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 35.752 |           | 20-130 |     | 89         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 34.518 |           | 25-125 |     | 86         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.8   |           | 20-125 |     | 94         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 43.873 |           | 20-130 |     | 110        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 36.452 |           | 20-120 |     | 91         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.234 |           | 1-146  |     | 71         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 35.809 |           | 25-130 |     | 90         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.799 |           | 10-130 |     | 92         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 36.365 |           | 10-150 |     | 91         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.786 |           | 25-125 |     | 92         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/26/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/26/2024 12:00:00 AM |
| Client Sample ID:  | SLCS760                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161760BS             | 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 |
| BG061755.D        | 1         | 6/26/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161760      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 32.53  |           | 10-130 |     | 81         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 35.226 |           | 25-130 |     | 88         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 42.226 |           | 15-130 |     | 106        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 38.631 |           | 20-130 |     | 97         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 67723  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 335944 | 10.87     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 224407 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 530780 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 397732 | 21.693    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 448267 | 24.901    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 6/18/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 6/18/2024 12:00:00 AM |    |
| Client Sample ID:  | SLCS561      |        |    | SDG No.:        | BG062724              |    |
| Lab Sample ID:     | PB161561BS   |        |    | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061756.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| 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                | 35    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 30    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 31    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 34    |           | 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) | 33    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 30    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 32    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 30    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 33    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 36    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 30    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 41    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 32    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 35    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 31    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 26    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 35    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 31    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 32    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 30    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 32    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 26    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 35    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 35    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BS             | 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 |
| BG061756.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 35    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 33    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 42    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 31    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 39    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 32    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 38    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 32    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 26    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 35    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 32    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 40    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 32    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 33    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 32    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 40    |           | 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     | 35    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 35    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 35    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 34    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 11    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 27    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 33    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 34    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 32    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 39    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 35    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 35    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 39    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BS             | 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 |
| BG061756.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 38     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 43     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 34     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 34     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 34     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 41     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 42     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 35     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 34     |           | 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      | 35     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 35     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 34     |           | 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              | 7.159  |           | 15-120 |     | 89         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.84  |           | 20-120 |     | 75         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.833 |           | 10-130 |     | 80         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 30.647 |           | 25-120 |     | 77         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.808 |           | 20-130 |     | 77         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 30.734 |           | 25-125 |     | 77         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 35.703 |           | 20-125 |     | 89         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 41.709 |           | 20-130 |     | 104        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.88  |           | 20-120 |     | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.204 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.458 |           | 25-130 |     | 81         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.619 |           | 10-130 |     | 84         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 34.636 |           | 10-150 |     | 87         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 33.019 |           | 25-125 |     | 83         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS561                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161561BS             | 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 |
| BG061756.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161561      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 31.893 |           | 10-130 |     | 80         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.375 |           | 25-130 |     | 83         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 38.563 |           | 15-130 |     | 96         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.165 |           | 20-130 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 72996  | 8.054     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 351092 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 236256 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 556140 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 442362 | 21.691    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 495094 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |



|                    |              |        |    |                 |                       |    |
|--------------------|--------------|--------|----|-----------------|-----------------------|----|
| Client:            |              |        |    | Date Collected: | 6/18/2024 12:00:00 AM |    |
| Project:           |              |        |    | Date Received:  | 6/18/2024 12:00:00 AM |    |
| Client Sample ID:  | SBLK559      |        |    | SDG No.:        | BG062724              |    |
| Lab Sample ID:     | PB161559BL   |        |    | 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 |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| BG061758.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BL             | 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 |
| BG061758.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BL             | 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 |
| BG061758.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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              | 7.563  |           | 15-120 |     | 95         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 34.983 |           | 20-120 |     | 87         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 34.122 |           | 10-130 |     | 85         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.868 |           | 25-120 |     | 87         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.022 |           | 20-130 |     | 85         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 33.144 |           | 25-125 |     | 83         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 39.94  |           | 20-125 |     | 100        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 45.267 |           | 20-130 |     | 113        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 36.257 |           | 20-120 |     | 91         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.009 |           | 1-146  |     | 70         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 36.102 |           | 25-130 |     | 90         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.917 |           | 10-130 |     | 92         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 32.524 |           | 10-150 |     | 81         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 36.482 |           | 25-125 |     | 91         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SBLK559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BL             | 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 |
| BG061758.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 19.616 |           | 10-130 |     | 49         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 38.029 |           | 25-130 |     | 95         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 42.279 |           | 15-130 |     | 106        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 39.797 |           | 20-130 |     | 99         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 61944  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 294960 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 202011 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 464367 | 17.425    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 379295 | 21.685    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 421772 | 24.898    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SBLK805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BL   | 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 |
| BG061759.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| 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 |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 170  | 330        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 58    | U         | 58  | 82.5 | 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: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SBLK805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BL   | 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 |
| BG061759.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| 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: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SBLK805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BL   | 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 |
| BG061759.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| 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              | 5.17   |           | 15-120 |      | 65         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.942 |           | 20-120 |      | 75         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.133 |           | 10-130 |      | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.394 |           | 10-150 |      | 68         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.341 |           | 15-120 |      | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.82  |           | 10-140 |      | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.498 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.069 |           | 10-120 |      | 88         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.574 |           | 10-140 |      | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.243 |           | 1-145  |      | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.931 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 29.378 |           | 15-120 |      | 73         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.909 |           | 10-150 |      | 67         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.873 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SBLK805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BL   | 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 |
| BG061759.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 15.63  |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 29.602 |           | 10-150 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 32.174 |           | 10-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 30.597 |           | 10-140 |     | 76         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 80854  | 8.053     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 400676 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 264088 | 14.68     |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 628627 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 525643 | 21.684    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 583041 | 24.898    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB4        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.5                  |
| 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 |
| BG061760.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 34    | U         | 34  | 8.4  | 85         | ug/Kg |
| 110-86-1       | Pyridine                    | 98    | U         | 98  | 210  | 420        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 74    | U         | 74  | 110  | 420        | ug/Kg |
| 108-95-2       | Phenol                      | 38    | U         | 38  | 110  | 420        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 37    | U         | 37  | 110  | 420        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 36    | U         | 36  | 54.1 | 220        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 39    | U         | 39  | 110  | 420        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 51    | U         | 51  | 110  | 420        | ug/Kg |
| 98-86-2        | Acetophenone                | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 68    | U         | 68  | 110  | 420        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 100   | U         | 100 | 54.1 | 220        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 78    | U         | 78  | 54.1 | 220        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 82    | U         | 82  | 54.1 | 220        | ug/Kg |
| 78-59-1        | Isophorone                  | 84    | U         | 84  | 54.1 | 220        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 76    | U         | 76  | 54.1 | 220        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 41    | U         | 41  | 54.1 | 220        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 57    | U         | 57  | 54.1 | 220        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 48    | U         | 48  | 54.1 | 220        | ug/Kg |
| 91-20-3        | Naphthalene                 | 31    | U         | 31  | 54.1 | 220        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 46    | U         | 46  | 54.1 | 420        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 45    | U         | 45  | 54.1 | 220        | ug/Kg |
| 105-60-2       | Caprolactam                 | 82    | U         | 82  | 110  | 420        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 52    | U         | 52  | 54.1 | 220        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 31    | U         | 31  | 54.1 | 220        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 41    | U         | 41  | 54.1 | 220        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 110  | 420        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 31    | U         | 31  | 54.1 | 220        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 42    | U         | 42  | 54.1 | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB4        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.5                  |
| 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 |
| BG061760.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 33    | U         | 33  | 54.1 | 220        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 42    | U         | 42  | 54.1 | 220        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 57    | U         | 57  | 54.1 | 220        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 38    | U         | 38  | 54.1 | 220        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 25    | U         | 25  | 54.1 | 220        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 37    | U         | 37  | 54.1 | 220        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 84    | U         | 84  | 110  | 420        | ug/Kg |
| 83-32-9    | Acenaphthene               | 33    | U         | 33  | 54.1 | 220        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 110  | 420        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 56    | U         | 56  | 110  | 420        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 34    | U         | 34  | 54.1 | 220        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 45    | U         | 45  | 54.1 | 220        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 42    | U         | 42  | 54.1 | 220        | ug/Kg |
| 86-73-7    | Fluorene                   | 34    | U         | 34  | 54.1 | 220        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 25    | U         | 25  | 54.1 | 220        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 31    | U         | 31  | 110  | 420        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 48    | U         | 48  | 110  | 420        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 31    | U         | 31  | 54.1 | 220        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 43    | U         | 43  | 54.1 | 220        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 33    | U         | 33  | 54.1 | 220        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 36    | U         | 36  | 54.1 | 220        | ug/Kg |
| 1912-24-9  | Atrazine                   | 36    | U         | 36  | 110  | 420        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 690   |           | 110 | 110  | 420        | ug/Kg |
| 85-01-8    | Phenanthrene               | 34    | U         | 34  | 54.1 | 220        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 47    | U         | 47  | 54.1 | 220        | ug/Kg |
| 120-12-7   | Anthracene                 | 32    | U         | 32  | 54.1 | 220        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 22    | U         | 22  | 54.1 | 220        | ug/Kg |
| 86-74-8    | Carbazole                  | 43    | U         | 43  | 110  | 420        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 65    | J         | 34  | 54.1 | 220        | ug/Kg |
| 206-44-0   | Fluoranthene               | 24    | U         | 24  | 110  | 220        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB4        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.5                  |
| 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 |
| BG061760.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 23     | U         | 23     | 54.1 | 220        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 2300   |           | 28     | 54.1 | 220        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 66     | U         | 66     | 110  | 420        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 29     | U         | 29     | 54.1 | 220        | ug/Kg    |
| 218-01-9          | Chrysene                    | 31     | U         | 31     | 54.1 | 220        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1600   |           | 32     | 54.1 | 220        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 61     | U         | 61     | 110  | 420        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 47     | U         | 47     | 54.1 | 220        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 48     | U         | 48     | 54.1 | 220        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 39     | U         | 39     | 54.1 | 220        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 36     | U         | 36     | 54.1 | 220        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 33     | U         | 33     | 54.1 | 220        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 41     | U         | 41     | 54.1 | 220        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 46     | U         | 46     | 54.1 | 220        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.959  |           | 15-120 |      | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.281 |           | 10-130 |      | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.792 |           | 10-150 |      | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.147 |           | 15-120 |      | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.345 |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.42  |           | 10-135 |      | 84         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 36.853 |           | 10-120 |      | 92         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.989 |           | 10-140 |      | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 5.461  |           | 1-145  |      | 14         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.36  |           | 10-145 |      | 81         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 33.445 |           | 15-120 |      | 84         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.7   |           | 10-150 |      | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 31.609 |           | 20-140 |      | 79         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB4     | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-12  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 21.5                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           | Final Vol:      | 500                   |
|                    |           | Test:           |                       |
| Extraction Type :  |           | Decanted :      | Level : LOW           |
| Injection Volume : |           | GPC Factor :    | GPC Cleanup : PH :    |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061760.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 32.106 |           | 10-130 |     | 80         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 34.189 |           | 10-150 |     | 85         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 31.708 |           | 10-130 |     | 79         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 21.836 |           | 10-140 |     | 55         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 87805  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 422165 | 10.864    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 268419 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 577273 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 446016 | 21.687    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 510930 | 24.901    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                   | 340    | J         |        |     | 3.726      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 360    | J         |        |     | 11.599     |          |
| 000098-54-4                           | Phenol, p-tert-butyl-              | 13000  | J         |        |     | 12.21      |          |
| 002725-53-3                           | Benzaldehyde, 5-(1,1-dimethylethyl | 2100   | J         |        |     | 13.344     |          |
| 002505-31-9                           | 2,4,6-Trichlorophenyl isocyanate   | 350    | J         |        |     | 13.949     |          |
| 014411-56-4                           | Benzene, 1-(1,1-dimethylethyl)-3-e | 1500   | J         |        |     | 15.471     |          |
| 001014-60-4                           | Benzene, 1,3-bis(1,1-dimethylethyl | 1000   | J         |        |     | 16.458     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 660    | J         |        |     | 18.314     |          |
| 000605-50-5                           | 1,2-Benzenedicarboxylic acid, bis( | 430    | J         |        |     | 19.096     |          |
| 074472-36-9                           | 2,3,3,5,6-Pentachloro-1,1-biphen   | 770    | J         |        |     | 19.331     |          |
|                                       | (DEL) Alkane: Cyclic19.460         | 100    | J         |        |     | 19.46      |          |
| 038380-03-9                           | 1,1-Biphenyl, 2,3,3,4,6-pentach    | 830    | J         |        |     | 19.613     |          |
| 052663-61-3                           | 1,1-Biphenyl, 2,2,3,5,5-pentach    | 680    | J         |        |     | 20.054     |          |
| 055215-18-4                           | 1,1-Biphenyl, 2,2,3,3,4,5-hexac    | 480    | J         |        |     | 20.177     |          |
| 052663-72-6                           | 1,1-Biphenyl, 2,3,4,4,5,5-hexa     | 1500   | J         |        |     | 20.312     |          |
| 074472-44-9                           | 2,3,3,4,5,6-Hexachloro-1,1-biph    | 1500   | J         |        |     | 20.588     |          |
| 051908-16-8                           | 1,1-Biphenyl, 2,2,3,4,5,5-hexa     | 520    | J         |        |     | 20.647     |          |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AB4        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-12     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 21.5                  |
| 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 |
| BG061760.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number   | Parameter                             | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|---------------------------------------|-------|-----------|-----|-----|------------|-------|
| 038380-04-0  | 1,1-Biphenyl, 2,2,3,4,5,6-hexachloro- | 1600  | J         |     |     | 20.911     |       |
| 040186-70-7  | 2,2,3,3,4,5,6-Heptachlorobiphen       | 590   | J         |     |     | 21.064     |       |
| 035065-30-6  | 1,1-Biphenyl, 2,2,3,3,4,4,5-he        | 310   | J         |     |     | 21.135     |       |
|              | unknown-01                            | 970   | J         |     |     | 21.223     |       |
| 1010351-87-0 | Heptadecyl trifluoroacetate           | 600   | J         |     |     | 21.34      |       |
| 052663-69-1  | 1,1-Biphenyl, 2,2,3,4,4,5,6-he        | 540   | J         |     |     | 21.37      |       |
| 052663-68-0  | 1,1-Biphenyl, 2,2,3,4,5,5,6-he        | 590   | J         |     |     | 22.128     |       |
|              | (DEL) Alkane: Straight-Chain22.527    | 1800  | J         |     |     | 22.527     |       |
| 007390-81-0  | Oxirane, hexadecyl-                   | 370   | J         |     |     | 23.555     |       |
|              | (DEL) Alkane: Straight-Chain24.020    | 1100  | J         |     |     | 24.02      |       |
|              | (DEL) Alkane: Cyclic24.078            | 330   | J         |     |     | 24.078     |       |
| 021964-51-2  | 1,15-Hexadecadiene                    | 440   | J         |     |     | 25.5       |       |
|              | (DEL) Alkane: Straight-Chain26.123    | 310   | J         |     |     | 26.123     |       |
|              | (DEL) Alkane: Straight-Chain26.246    | 460   | J         |     |     | 26.246     |       |
|              | unknown-02                            | 340   | J         |     |     | 28.303     |       |
|              | (DEL) Alkane: Straight-Chain29.378    | 140   | J         |     |     | 29.378     |       |
| 003691-12-1  | .alpha.-Guaiene                       | 300   | J         |     |     | 30.424     |       |
| 300574-36-1  | 5-Bromo-4-oxo-4,5,6,7-tetrahydrobe    | 3000  | J         |     |     | 31.117     |       |
| 001617-70-5  | Lup-20(29)-en-3-one                   | 3100  | J         |     |     | 31.769     |       |
| 000545-47-1  | Lupeol                                | 8800  | J         |     |     | 32.457     |       |
| E966796      | Total Alkanes                         | 4200  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM   |
| Client Sample ID:  | E1GB1                  | SDG No.:        | BG062724                |
| Lab Sample ID:     | P2898-08               | 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 |
| BG061761.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-08               | 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 |
| BG061761.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-08               | 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 |
| BG061761.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| 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              | 5.524  |           | 15-120 |     | 69         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 13.548 |           | 20-120 |     | 34         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.972  |           | 10-130 |     | 25         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 41.546 |           | 25-120 |     | 104        | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 33.632 |           | 20-130 |     | 84         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.553 |           | 25-125 |     | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 48.558 |           | 20-125 |     | 121        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 53.045 | *         | 20-130 |     | 133        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 38.853 |           | 20-120 |     | 97         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 35.161 |           | 1-146  |     | 88         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 43.748 |           | 25-130 |     | 109        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 45.193 |           | 10-130 |     | 113        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.716 |           | 10-150 |     | 27         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 44.187 |           | 25-125 |     | 110        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-08               | 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 |
| BG061761.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number                            | Parameter                               | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2           | 37.129 |           | 10-130 |     | 93         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                          | 45.452 |           | 25-130 |     | 114        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                              | 51.441 |           | 15-130 |     | 129        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                      | 46.957 |           | 20-130 |     | 117        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                         |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4                  | 70160  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                          | 335393 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                        | 213276 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                        | 485637 | 17.425    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                            | 375850 | 21.684    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                            | 434698 | 24.892    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                         |        |           |        |     |            |          |
|                                       | unknown-01                              | 2.5    | J         |        |     | 3.729      |          |
| 000112-34-5                           | Ethanol, 2-(2-butoxyethoxy)-            | 3.2    | J         |        |     | 10.627     |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol                    | 3.7    | J         |        |     | 11.596     |          |
| 000109-16-0                           | 2-Propenoic acid, 2-methyl-, 1,2-e      | 7.1    | J         |        |     | 17.701     |          |
|                                       | unknown-02                              | 2.1    | J         |        |     | 18.306     |          |
| 000109-17-1                           | 2-Propenoic acid, 2-methyl-, oxybi      | 8.4    | J         |        |     | 19.469     |          |
| 069778-83-2                           | 2H-Pyrrol-2-one, 1,5-dihydro-4-methoxy- | 5.7    | J         |        |     | 20.879     |          |
| E966796                               | Total Alkanes                           | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MS                | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-09MS             | 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 |
| BG061762.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 6.1   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 32    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 13    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 10    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 40    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 35    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 26    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 43    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 41    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 22    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 40    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 38    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 48    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 41    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 51    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 41    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 41    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 40    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 32    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 44    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 5.9   | J         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 40    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 41    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 28    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 49    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 48    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MS                | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-09MS             | 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 |
| BG061762.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 46    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 45    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 59    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 45    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 59    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 43    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 55    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 43    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 47    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 12    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 44    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 59    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 46    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 45    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 45    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 55    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 51    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 49    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 49    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 50    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 48    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 38    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 46    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 46    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 44    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 46    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 56    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 49    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 51    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 56    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MS                | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-09MS             | 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 |
| BG061762.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 54     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 61     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 45     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 49     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 48     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 58     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 59     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 49     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 47     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 43     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 50     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 49     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 48     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 47     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.099  |           | 15-120 |     | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.716 |           | 20-120 |     | 32         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.389  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 36.558 |           | 25-120 |     | 91         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.966 |           | 20-130 |     | 75         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.398 |           | 25-125 |     | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 42.427 |           | 20-125 |     | 106        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 46.529 |           | 20-130 |     | 116        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 36.108 |           | 20-120 |     | 90         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 31.019 |           | 1-146  |     | 78         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 40.669 |           | 25-130 |     | 102        | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 39.989 |           | 10-130 |     | 100        | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.633 |           | 10-150 |     | 27         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 39.993 |           | 25-125 |     | 100        | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MS                | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-09MS             | 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 |
| BG061762.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 48.101 |           | 10-130 |     | 120        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 41.691 |           | 25-130 |     | 104        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 47.881 |           | 15-130 |     | 120        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 42.644 |           | 20-130 |     | 107        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 72296  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 347051 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 227800 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 527415 | 17.424    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 402356 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 464529 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MSD               | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-10MSD            | 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 |
| BG061763.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 5.6   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 30    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 12    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 9.6   | J         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 37    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 33    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 24    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 38    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 21    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 39    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 37    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 47    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 39    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 50    |           | 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  | 40    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 40    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 39    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 30    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 42    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 5.7   | J         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 33    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 38    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 39    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 27    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 46    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 46    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MSD               | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-10MSD            | 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 |
| BG061763.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 45    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 44    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 56    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 42    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 55    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 41    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 52    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 41    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 44    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 12    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 42    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 43    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 42    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 41    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 52    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 52    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 47    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 46    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 48    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 46    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 35    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 43    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 45    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 43    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 43    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 54    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 47    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 48    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 52    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MSD               | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-10MSD            | 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 |
| BG061763.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 51     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 57     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 44     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 46     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 47     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 55     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 58     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 48     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 46     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 43     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 49     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 48     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 47     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 44     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.081  |           | 15-120 |     | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 12.925 |           | 20-120 |     | 32         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.117  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 34.326 |           | 25-120 |     | 86         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.552 |           | 20-130 |     | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.521 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 41.876 |           | 20-125 |     | 105        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 45.838 |           | 20-130 |     | 115        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 35.204 |           | 20-120 |     | 88         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.045 |           | 1-146  |     | 73         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 38.26  |           | 25-130 |     | 96         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 37.83  |           | 10-130 |     | 95         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.341  |           | 10-150 |     | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 38.372 |           | 25-125 |     | 96         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/13/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/13/2024 12:00:00 AM |
| Client Sample ID:  | E1GB1MSD               | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2898-10MSD            | 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 |
| BG061763.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 46.082 |           | 10-130 |     | 115        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 39.993 |           | 25-130 |     | 100        | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 45.148 |           | 15-130 |     | 113        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 41.538 |           | 20-130 |     | 104        | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 74329  | 8.055     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 348389 | 10.869    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 230706 | 14.682    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 527260 | 17.426    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 405616 | 21.692    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 462553 | 24.905    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SLCS805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BS   | 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 |
| BG061764.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 350   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1200  |           | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 930   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1000  |           | 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              | 1000  |           | 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  | 1000  |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1200  |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 990   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1300  |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 850   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 1000  |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1000  |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 860   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1100  |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 980   |           | 64  | 82.5 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1000  |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 980   |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1000  |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 840   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 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: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SLCS805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BS   | 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 |
| BG061764.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1100  |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1100  |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1400  |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1000  |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1000  |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1400  |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1000  |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1100  |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1100  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1300  |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1000  |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 1000  |           | 20  | 42.5 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1300  |           | 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     | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1100  |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 620   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 940   |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1100  |           | 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                  | 1100  |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1300  |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SLCS805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BS   | 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 |
| BG061764.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| 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        | 1400   |           | 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          | 1100   |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 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        | 1400   |           | 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        | 1100   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1000   |           | 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      | 1100   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 990    |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 6.325  |           | 15-120 |      | 79         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 30.766 |           | 20-120 |      | 77         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 32.376 |           | 10-130 |      | 81         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.335 |           | 10-150 |      | 78         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.273 |           | 15-120 |      | 81         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 31.316 |           | 10-140 |      | 78         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 38.314 |           | 10-135 |      | 96         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 42.651 |           | 10-120 |      | 107        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 34.128 |           | 10-140 |      | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.154 |           | 1-145  |      | 70         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.04  |           | 10-145 |      | 80         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 32.762 |           | 15-120 |      | 82         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 34.785 |           | 10-150 |      | 87         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.294 |           | 20-140 |      | 81         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/21/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/21/2024 12:00:00 AM |
| Client Sample ID:  | SLCS805      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161805BS   | 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 |
| BG061764.D        | 1         | 6/21/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161805      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 38.589 |           | 10-130 |     | 96         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 33.548 |           | 10-150 |     | 84         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 37.607 |           | 10-130 |     | 94         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 35.312 |           | 10-140 |     | 88         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 78205  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 376198 | 10.864    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 256334 | 14.684    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 581232 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 455501 | 21.693    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 509155 | 24.907    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BS             | 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 |
| BG061765.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 11    |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 36    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 29    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 33    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 32    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 35    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 33    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 32    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 33    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 32    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 35    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 38    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 33    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 44    |           | 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  | 34    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 36    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 33    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 27    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 37    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 32    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 34    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 32    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 33    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 27    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 36    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 37    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BS             | 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 |
| BG061765.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 36    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 36    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 44    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 33    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 43    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 34    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 43    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 33    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 37    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 35    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 34    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 42    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 34    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 34    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 34    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 43    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 37    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 38    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 38    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 35    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 10    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 28    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 34    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 37    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 33    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 41    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 35    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 36    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 40    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BS             | 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 |
| BG061765.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 39     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 44     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 38     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 36     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 36     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 42     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 43     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 37     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 35     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 34     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 38     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 37     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 36     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 31     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 7.998  |           | 15-120 |     | 100        | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 29.681 |           | 20-120 |     | 74         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 33.262 |           | 10-130 |     | 83         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 32.634 |           | 25-120 |     | 82         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 32.03  |           | 20-130 |     | 80         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 32.38  |           | 25-125 |     | 81         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 39.408 |           | 20-125 |     | 99         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 45.087 |           | 20-130 |     | 113        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 36.181 |           | 20-120 |     | 90         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 27.44  |           | 1-146  |     | 69         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.498 |           | 25-130 |     | 86         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 34.936 |           | 10-130 |     | 87         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 35.395 |           | 10-150 |     | 88         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 34.076 |           | 25-125 |     | 85         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/18/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/18/2024 12:00:00 AM |
| Client Sample ID:  | SLCS559                | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161559BS             | 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 |
| BG061765.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161559      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 40.938 |           | 10-130 |     | 102        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 34.51  |           | 25-130 |     | 86         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 39.447 |           | 15-130 |     | 99         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 36.857 |           | 20-130 |     | 92         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 73909  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 346133 | 10.87     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 236367 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 544805 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 420646 | 21.693    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 474911 | 24.907    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AA1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-19               | 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 |
| BG061766.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161563      |

| 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: | 6/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AA1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-19               | 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 |
| BG061766.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161563      |

| 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           | 2.9   | J         | 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: | 6/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AA1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-19               | 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 |
| BG061766.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161563      |

| 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              | 5.384  |           | 15-120 |     | 67         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.894  | *         | 20-120 |     | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.08   |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.558 |           | 25-120 |     | 54         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 21.404 |           | 20-130 |     | 54         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.863 |           | 25-125 |     | 42         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.536 |           | 20-125 |     | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.056 |           | 20-130 |     | 70         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.329 |           | 20-120 |     | 58         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 14.625 |           | 1-146  |     | 37         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.589 |           | 25-130 |     | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.492 |           | 10-130 |     | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.811  |           | 10-150 |     | 25         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.391 |           | 25-125 |     | 63         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 6/11/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 6/11/2024 12:00:00 AM |
| Client Sample ID:  | C0AA1                  | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2899-19               | 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 |
| BG061766.D        | 1         | 6/18/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161563      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 22.064 |           | 10-130 |     | 55         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 29.766 |           | 25-130 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 32.057 |           | 15-130 |     | 80         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 29.8   |           | 20-130 |     | 75         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 75729  | 8.056     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 361939 | 10.865    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 246136 | 14.684    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 564145 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 458895 | 21.687    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 520411 | 24.895    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 013429-07-7                           | 2-Propanol, 1-(2-methoxypropoxy)-  | 2.2    | J         |        |     | 10.33      |          |
| 000095-16-9                           | Benzothiazole                      | 3.8    | J         |        |     | 11.517     |          |
|                                       | unknown-01                         | 4.8    | J         |        |     | 12.374     |          |
| 000097-87-0                           | Propanoic acid, 2-methyl-, butyl e | 3.4    | J         |        |     | 13.039     |          |
| 000077-68-9                           | Propanoic acid, 2-methyl-, 3-hydro | 7.4    | J         |        |     | 13.291     |          |
| 000134-62-3                           | Diethyltoluamide                   | 14     | J         |        |     | 15.412     |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 3.7    | J         |        |     | 18.086     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B58        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.3                  |
| 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 |
| BG061767.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 36    | U         | 36  | 8.8  | 89         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 78    | U         | 78  | 110  | 440        | ug/Kg |
| 110-86-1       | Pyridine                    | 100   | U         | 100 | 220  | 440        | ug/Kg |
| 108-95-2       | Phenol                      | 40    | U         | 40  | 110  | 440        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 39    | U         | 39  | 110  | 440        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 37    | U         | 37  | 56.9 | 230        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 41    | U         | 41  | 110  | 440        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 54    | U         | 54  | 110  | 440        | ug/Kg |
| 98-86-2        | Acetophenone                | 160   | J         | 88  | 110  | 440        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 71    | U         | 71  | 110  | 440        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 110   | U         | 110 | 56.9 | 230        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 82    | U         | 82  | 56.9 | 230        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 86    | U         | 86  | 56.9 | 230        | ug/Kg |
| 78-59-1        | Isophorone                  | 88    | U         | 88  | 56.9 | 230        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 80    | U         | 80  | 56.9 | 230        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 43    | U         | 43  | 56.9 | 230        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 60    | U         | 60  | 56.9 | 230        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 51    | U         | 51  | 56.9 | 230        | ug/Kg |
| 91-20-3        | Naphthalene                 | 32    | U         | 32  | 56.9 | 230        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 48    | U         | 48  | 56.9 | 440        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 47    | U         | 47  | 56.9 | 230        | ug/Kg |
| 105-60-2       | Caprolactam                 | 86    | U         | 86  | 110  | 440        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 55    | U         | 55  | 56.9 | 230        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 32    | U         | 32  | 56.9 | 230        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 43    | U         | 43  | 56.9 | 230        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 130   | U         | 130 | 110  | 440        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 32    | U         | 32  | 56.9 | 230        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 44    | U         | 44  | 56.9 | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B58        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.3                  |
| 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 |
| BG061767.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 35    | U         | 35  | 56.9 | 230        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 44    | U         | 44  | 56.9 | 230        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 60    | U         | 60  | 56.9 | 230        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 40    | U         | 40  | 56.9 | 230        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 27    | U         | 27  | 56.9 | 230        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 39    | U         | 39  | 56.9 | 230        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 88    | U         | 88  | 110  | 440        | ug/Kg |
| 83-32-9    | Acenaphthene               | 52    | J         | 35  | 56.9 | 230        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 170   | U         | 170 | 110  | 440        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 59    | U         | 59  | 110  | 440        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 36    | U         | 36  | 56.9 | 230        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 47    | U         | 47  | 56.9 | 230        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 44    | U         | 44  | 56.9 | 230        | ug/Kg |
| 86-73-7    | Fluorene                   | 49    | J         | 36  | 56.9 | 230        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 27    | U         | 27  | 56.9 | 230        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 32    | U         | 32  | 110  | 440        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 51    | U         | 51  | 110  | 440        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 32    | U         | 32  | 56.9 | 230        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 46    | U         | 46  | 56.9 | 230        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 35    | U         | 35  | 56.9 | 230        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 37    | U         | 37  | 56.9 | 230        | ug/Kg |
| 1912-24-9  | Atrazine                   | 37    | U         | 37  | 110  | 440        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 120   | U         | 120 | 110  | 440        | ug/Kg |
| 85-01-8    | Phenanthrene               | 540   |           | 36  | 56.9 | 230        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 50    | U         | 50  | 56.9 | 230        | ug/Kg |
| 120-12-7   | Anthracene                 | 100   | J         | 33  | 56.9 | 230        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 23    | U         | 23  | 56.9 | 230        | ug/Kg |
| 86-74-8    | Carbazole                  | 51    | J         | 46  | 110  | 440        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 60    | J         | 36  | 56.9 | 230        | ug/Kg |
| 206-44-0   | Fluoranthene               | 830   |           | 25  | 110  | 230        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B58        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.3                  |
| 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 |
| BG061767.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 590    |           | 24     | 56.9 | 230        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 29     | U         | 29     | 56.9 | 230        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 70     | U         | 70     | 110  | 440        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 330    |           | 31     | 56.9 | 230        | ug/Kg    |
| 218-01-9          | Chrysene                    | 340    |           | 32     | 56.9 | 230        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 33     | U         | 33     | 56.9 | 230        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 64     | U         | 64     | 110  | 440        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 420    |           | 50     | 56.9 | 230        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 170    | J         | 51     | 56.9 | 230        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 190    | J         | 41     | 56.9 | 230        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 140    | J         | 37     | 56.9 | 230        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 58     | J         | 35     | 56.9 | 230        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 43     | U         | 43     | 56.9 | 230        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 48     | U         | 48     | 56.9 | 230        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.323  |           | 15-120 |      | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.809  | *         | 20-120 |      | 7          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 21.02  |           | 10-130 |      | 53         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 21.062 |           | 10-150 |      | 53         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.594 |           | 15-120 |      | 51         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.147 |           | 10-140 |      | 33         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.847 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.197 |           | 10-120 |      | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.895 |           | 10-140 |      | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 7.479  |           | 1-145  |      | 19         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.651 |           | 10-145 |      | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.246 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.565 |           | 10-150 |      | 46         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.692 |           | 20-140 |      | 62         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B58        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-01     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 25.3                  |
| 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 |
| BG061767.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 21.087 |           | 10-130 |     | 53         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 24.964 |           | 10-150 |     | 62         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.197 |           | 10-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 18.26  |           | 10-140 |     | 46         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 77019  | 8.053     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 375106 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 241902 | 14.681    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 546092 | 17.425    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 432925 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 488449 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 210    | J         |        |     | 3.988      |          |
| 056741-68-5                           | 1,3-Dioxolane, 2-(5-bromopentyl)-  | 270    | J         |        |     | 5.127      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 99     | J         |        |     | 9.769      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 160    | J         |        |     | 11.602     |          |
| 007012-37-5                           | 1,1-Biphenyl, 2,4,4-trichloro-     | 280    | J         |        |     | 18.024     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 250    | J         |        |     | 18.312     |          |
| 015968-05-5                           | 1,1-Biphenyl, 2,2,6,6-tetrachlo    | 390    | J         |        |     | 18.494     |          |
| 033025-41-1                           | 1,1-Biphenyl, 2,3,4,4-tetrachlor   | 200    | J         |        |     | 18.547     |          |
| 002437-79-8                           | 1,1-Biphenyl, 2,2,4,4-tetrachlo    | 160    | J         |        |     | 18.594     |          |
| 032598-13-3                           | 1,1-Biphenyl, 3,3,4,4-tetrachlo    | 280    | J         |        |     | 18.776     |          |
| 041464-49-7                           | 1,1-Biphenyl, 2,3,3,5-tetrachlo    | 260    | J         |        |     | 19.305     |          |
| 041464-46-4                           | 1,1-Biphenyl, 2,3,4,6-tetrachlo    | 330    | J         |        |     | 19.34      |          |
| 039635-32-0                           | 2,3,3,5,5-Pentachloro-1,1-biphe    | 120    | J         |        |     | 19.61      |          |
| 074472-37-0                           | 1,1-Biphenyl, 2,3,4,4,5-Pentachl   | 97     | J         |        |     | 20.051     |          |
| 000243-17-4                           | 11H-Benzo[b]fluorene               | 100    | J         |        |     | 20.321     |          |
| 079392-43-1                           | Octadecyl trifluoroacetate         | 380    | J         |        |     | 21.338     |          |
|                                       | (DEL) Alkane: Straight-Chain24.023 | 210    | J         |        |     | 24.023     |          |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B58     | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-01  | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 25.3                  |
| Sample Wt/Vol:     | 30        | Units:          | g                     |
| Soil Aliquot Vol:  |           |                 | uL                    |
| Extraction Type :  |           | Decanted :      |                       |
| Injection Volume : |           | Level :         | LOW                   |
|                    |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                       |                       |               |
|-------------------|-----------|-----------------------|-----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date             | Date Analyzed         | Prep Batch ID |
| BG061767.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter     | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|------------|---------------|-------|-----------|-----|-----|------------|-------|
| E966796    | Total Alkanes | 210   |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ0        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.9                  |
| 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 |
| BG061768.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 42    | U         | 42  | 10.3 | 100        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 90    | U         | 90  | 130  | 510        | ug/Kg |
| 110-86-1       | Pyridine                    | 120   | U         | 120 | 260  | 510        | ug/Kg |
| 108-95-2       | Phenol                      | 47    | U         | 47  | 130  | 510        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 45    | U         | 45  | 130  | 510        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 44    | U         | 44  | 66.3 | 270        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 48    | U         | 48  | 130  | 510        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 62    | U         | 62  | 130  | 510        | ug/Kg |
| 98-86-2        | Acetophenone                | 100   | U         | 100 | 130  | 510        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 83    | U         | 83  | 130  | 510        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 120   | U         | 120 | 66.3 | 270        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 95    | U         | 95  | 66.3 | 270        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 100   | U         | 100 | 66.3 | 270        | ug/Kg |
| 78-59-1        | Isophorone                  | 100   | U         | 100 | 66.3 | 270        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 94    | U         | 94  | 66.3 | 270        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 50    | U         | 50  | 66.3 | 270        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 70    | U         | 70  | 66.3 | 270        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 59    | U         | 59  | 66.3 | 270        | ug/Kg |
| 91-20-3        | Naphthalene                 | 170   | J         | 37  | 66.3 | 270        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 56    | U         | 56  | 66.3 | 510        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 55    | U         | 55  | 66.3 | 270        | ug/Kg |
| 105-60-2       | Caprolactam                 | 100   | U         | 100 | 130  | 510        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 64    | U         | 64  | 66.3 | 270        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 37    | U         | 37  | 66.3 | 270        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 96    | J         | 50  | 66.3 | 270        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 150   | U         | 150 | 130  | 510        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 37    | U         | 37  | 66.3 | 270        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 51    | U         | 51  | 66.3 | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ0        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.9                  |
| 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 |
| BG061768.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 41    | U         | 41  | 66.3 | 270        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 51    | U         | 51  | 66.3 | 270        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 70    | U         | 70  | 66.3 | 270        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 47    | U         | 47  | 66.3 | 270        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 31    | U         | 31  | 66.3 | 270        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 130   | J         | 45  | 66.3 | 270        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 100   | U         | 100 | 130  | 510        | ug/Kg |
| 83-32-9    | Acenaphthene               | 75    | J         | 41  | 66.3 | 270        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 200   | U         | 200 | 130  | 510        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 69    | U         | 69  | 130  | 510        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 120   | J         | 42  | 66.3 | 270        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 55    | U         | 55  | 66.3 | 270        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 51    | U         | 51  | 66.3 | 270        | ug/Kg |
| 86-73-7    | Fluorene                   | 83    | J         | 42  | 66.3 | 270        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 31    | U         | 31  | 66.3 | 270        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 37    | U         | 37  | 130  | 510        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 59    | U         | 59  | 130  | 510        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 37    | U         | 37  | 66.3 | 270        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 53    | U         | 53  | 66.3 | 270        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 41    | U         | 41  | 66.3 | 270        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 44    | U         | 44  | 66.3 | 270        | ug/Kg |
| 1912-24-9  | Atrazine                   | 44    | U         | 44  | 130  | 510        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 140   | U         | 140 | 130  | 510        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1300  |           | 42  | 66.3 | 270        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 58    | U         | 58  | 66.3 | 270        | ug/Kg |
| 120-12-7   | Anthracene                 | 290   |           | 39  | 66.3 | 270        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 27    | U         | 27  | 66.3 | 270        | ug/Kg |
| 86-74-8    | Carbazole                  | 110   | J         | 53  | 130  | 510        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 42    | U         | 42  | 66.3 | 270        | ug/Kg |
| 206-44-0   | Fluoranthene               | 2600  |           | 30  | 130  | 270        | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ0        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.9                  |
| 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 |
| BG061768.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1900   |           | 28     | 66.3 | 270        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 34     | U         | 34     | 66.3 | 270        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 81     | U         | 81     | 130  | 510        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1300   |           | 36     | 66.3 | 270        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1600   |           | 37     | 66.3 | 270        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 110    | J         | 39     | 66.3 | 270        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 75     | U         | 75     | 130  | 510        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 2200   |           | 58     | 66.3 | 270        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 750    |           | 59     | 66.3 | 270        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 830    |           | 48     | 66.3 | 270        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 840    |           | 44     | 66.3 | 270        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 380    |           | 41     | 66.3 | 270        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 150    | J         | 50     | 66.3 | 270        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 56     | U         | 56     | 66.3 | 270        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.763  |           | 15-120 |      | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.051  | *         | 20-120 |      | 10         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.921 |           | 10-130 |      | 70         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.945 |           | 10-150 |      | 70         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.348 |           | 15-120 |      | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.003 |           | 10-140 |      | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.144 |           | 10-135 |      | 85         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 38.739 |           | 10-120 |      | 97         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.45  |           | 10-140 |      | 76         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 0      | U         | 1-145  |      | 0          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.971 |           | 10-145 |      | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.882 |           | 15-120 |      | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.187 |           | 10-150 |      | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.828 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ0        | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-14     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC    | % Moisture:     | 35.9                  |
| 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 |
| BG061768.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 28.848 |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 31.101 |           | 10-150 |     | 78         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 29.406 |           | 10-130 |     | 74         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 20.746 |           | 10-140 |     | 52         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 85135  | 8.055     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 384057 | 10.864    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 241674 | 14.683    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 493140 | 17.427    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 365884 | 21.692    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 422250 | 24.924    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 004254-14-2                           | R-(-)-1,2-propanediol              | 210    | J         |        |     | 3.725      |          |
| 000079-39-0                           | Methacrylamide                     | 170    | J         |        |     | 3.989      |          |
|                                       | unknown-01                         | 110    | J         |        |     | 4.777      |          |
|                                       | unknown-02                         | 380    | J         |        |     | 5.135      |          |
|                                       | unknown-03                         | 140    | J         |        |     | 6.116      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 190    | J         |        |     | 9.771      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 310    | J         |        |     | 11.598     |          |
| 000486-25-9                           | 9H-Fluoren-9-one                   | 140    | J         |        |     | 17.074     |          |
|                                       | (DEL) Alkane: Straight-Chain17.174 | 130    | J         |        |     | 17.174     |          |
| 000132-65-0                           | Dibenzothiophene                   | 140    | J         |        |     | 17.239     |          |
| 000143-07-7                           | Dodecanoic acid                    | 130    | J         |        |     | 17.309     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 1400   | J         |        |     | 18.314     |          |
| 000203-64-5                           | 4H-Cyclopenta[def]phenanthrene     | 490    | J         |        |     | 18.49      |          |
| 000949-41-7                           | 1H-Cyclopropa[l]phenanthrene,1a,9b | 170    | J         |        |     | 18.531     |          |
|                                       | (DEL) Alkane: Straight-Chain18.608 | 170    | J         |        |     | 18.608     |          |
| 1000187-02-8                          | 9-Ethoxy-10-oxatricyclo[7.2.1.0(1, | 490    | J         |        |     | 18.784     |          |
| 000084-65-1                           | 9,10-Anthracenedione               | 240    | J         |        |     | 18.831     |          |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ0      | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-14   | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 35.9                  |
| 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 |
| BG061768.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number   | Parameter                          | Conc. | Qualifier | MDL | LOD | LOQ / CRQL | Units |
|--------------|------------------------------------|-------|-----------|-----|-----|------------|-------|
| 002789-88-0  | di-p-Tolylacetylene                | 270   | J         |     |     | 19.213     |       |
| 006566-19-4  | 10,18-Bisnorabieta-5,7,9(10),11,13 | 240   | J         |     |     | 19.53      |       |
| 000057-11-4  | Octadecanoic acid                  | 320   | J         |     |     | 19.583     |       |
|              | (DEL) Alkane: Straight-Chain20.317 | 210   | J         |     |     | 20.317     |       |
| 1000309-37-9 | Oxalic acid, isobutyl tetradecyl e | 1500  | J         |     |     | 21.346     |       |
| 072934-03-3  | Heptacosanal                       | 310   | J         |     |     | 22.139     |       |
|              | (DEL) Alkane: Straight-Chain22.532 | 3100  | J         |     |     | 22.532     |       |
| 053057-53-7  | 1,21-Docosadiene                   | 680   | J         |     |     | 23.567     |       |
|              | (DEL) Alkane: Straight-Chain24.037 | 1200  | J         |     |     | 24.037     |       |
|              | (DEL) Alkane: Straight-Chain24.095 | 1000  | J         |     |     | 24.095     |       |
| 014811-95-1  | 1,19-Eicosadiene                   | 1000  | J         |     |     | 25.517     |       |
|              | (DEL) Alkane: Straight-Chain26.152 | 1600  | J         |     |     | 26.152     |       |
|              | (DEL) Alkane: Straight-Chain26.269 | 790   | J         |     |     | 26.269     |       |
| 022725-64-0  | Octacosanal                        | 530   | J         |     |     | 28.32      |       |
| 000083-47-6  | .gamma.-Sitosterol                 | 590   | J         |     |     | 30.3       |       |
| E966796      | Total Alkanes                      | 8200  |           |     |     | 99         | ug/Kg |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/19/2024 12:00:00 AM |
| Client Sample ID:  | SLCS583      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161583BS   | 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 |
| BG061769.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 350   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1300  |           | 58  | 82.5 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 970   |           | 77  | 170  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 30  | 82.5 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1200  |           | 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              | 1100  |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1000  |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1200  |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1300  |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 1100  |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1500  |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 890   |           | 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          | 1200  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 950   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 1200  |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1000  |           | 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   | 680   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  |           | 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: | 6/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/19/2024 12:00:00 AM |
| Client Sample ID:  | SLCS583      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161583BS   | 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 |
| BG061769.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| 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             | 1500  |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1100  |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400  |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1400  |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1100  |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1000  |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1200  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1400  |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 1100  |           | 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             | 1400  |           | 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     | 1300  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1300  |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1300  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 700   |           | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1100  |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1200  |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 1300  |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 1200  |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1500  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1200  |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1300  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1300  |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |                                     |                 |                             |
|--------------------|-------------------------------------|-----------------|-----------------------------|
| Client:            |                                     | Date Collected: | 6/19/2024 12:00:00 AM       |
| Project:           |                                     | Date Received:  | 6/19/2024 12:00:00 AM       |
| Client Sample ID:  | SLCS583                             | SDG No.:        | BG062724                    |
| Lab Sample ID:     | PB161583BS                          | 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 |
| BG061769.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1300   |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1500   |           | 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  | 1500   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1500   |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1300   |           | 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              | 1100   |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1300   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1300   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1300   |           | 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              | 6.957  |           | 15-120 |      | 87         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 31.669 |           | 20-120 |      | 79         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 33.493 |           | 10-130 |      | 84         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 33.348 |           | 10-150 |      | 83         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 34.183 |           | 15-120 |      | 85         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 32.553 |           | 10-140 |      | 81         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 40.286 |           | 10-135 |      | 101        | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 45.533 |           | 10-120 |      | 114        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 35.882 |           | 10-140 |      | 90         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 29.714 |           | 1-145  |      | 74         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 34.915 |           | 10-145 |      | 87         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 36.742 |           | 15-120 |      | 92         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 36.995 |           | 10-150 |      | 92         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 35.007 |           | 20-140 |      | 88         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 6/19/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 6/19/2024 12:00:00 AM |
| Client Sample ID:  | SLCS583      | SDG No.:        | BG062724              |
| Lab Sample ID:     | PB161583BS   | 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 |
| BG061769.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 39.238 |           | 10-130 |     | 98         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 36.912 |           | 10-150 |     | 92         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 40.625 |           | 10-130 |     | 102        | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 39.192 |           | 10-140 |     | 98         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 66918  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 311659 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 201537 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 437374 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 336466 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 387644 | 24.91     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B59                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.2                  |
| 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 |
| BG061770.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| 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                | 69    | U         | 69  | 98.1 | 390        | ug/Kg |
| 110-86-1       | Pyridine                    | 92    | U         | 92  | 200  | 390        | ug/Kg |
| 108-95-2       | Phenol                      | 41    | J         | 36  | 98.1 | 390        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 34    | U         | 34  | 98.1 | 390        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 33    | U         | 33  | 50.5 | 200        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 37    | U         | 37  | 98.1 | 390        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 48    | U         | 48  | 98.1 | 390        | ug/Kg |
| 98-86-2        | Acetophenone                | 290   | J         | 78  | 98.1 | 390        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 63    | U         | 63  | 98.1 | 390        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 94    | U         | 94  | 50.5 | 200        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 73    | U         | 73  | 50.5 | 200        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 76    | U         | 76  | 50.5 | 200        | ug/Kg |
| 78-59-1        | Isophorone                  | 78    | U         | 78  | 50.5 | 200        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 71    | U         | 71  | 50.5 | 200        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 38    | U         | 38  | 50.5 | 200        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 54    | U         | 54  | 50.5 | 200        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 45    | U         | 45  | 50.5 | 200        | ug/Kg |
| 91-20-3        | Naphthalene                 | 29    | U         | 29  | 50.5 | 200        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 43    | U         | 43  | 50.5 | 390        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 42    | U         | 42  | 50.5 | 200        | ug/Kg |
| 105-60-2       | Caprolactam                 | 76    | U         | 76  | 98.1 | 390        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 49    | U         | 49  | 50.5 | 200        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 29    | U         | 29  | 50.5 | 200        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 38    | U         | 38  | 50.5 | 200        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 120   | U         | 120 | 98.1 | 390        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 29    | U         | 29  | 50.5 | 200        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 39    | U         | 39  | 50.5 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B59                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.2                  |
| 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 |
| BG061770.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 31    | U         | 31  | 50.5 | 200        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 39    | U         | 39  | 50.5 | 200        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 54    | U         | 54  | 50.5 | 200        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 36    | U         | 36  | 50.5 | 200        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 24    | U         | 24  | 50.5 | 200        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 34    | U         | 34  | 50.5 | 200        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 78    | U         | 78  | 98.1 | 390        | ug/Kg |
| 83-32-9    | Acenaphthene               | 31    | U         | 31  | 50.5 | 200        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 150   | U         | 150 | 98.1 | 390        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 52    | U         | 52  | 98.1 | 390        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 32    | U         | 32  | 50.5 | 200        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 42    | U         | 42  | 50.5 | 200        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 39    | U         | 39  | 50.5 | 200        | ug/Kg |
| 86-73-7    | Fluorene                   | 32    | U         | 32  | 50.5 | 200        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 24    | U         | 24  | 50.5 | 200        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 29    | U         | 29  | 98.1 | 390        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    | U         | 45  | 98.1 | 390        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 29    | U         | 29  | 50.5 | 200        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 40    | U         | 40  | 50.5 | 200        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 31    | U         | 31  | 50.5 | 200        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 33    | U         | 33  | 50.5 | 200        | ug/Kg |
| 1912-24-9  | Atrazine                   | 33    | U         | 33  | 98.1 | 390        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 100   | U         | 100 | 98.1 | 390        | ug/Kg |
| 85-01-8    | Phenanthrene               | 32    | U         | 32  | 50.5 | 200        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 44    | U         | 44  | 50.5 | 200        | ug/Kg |
| 120-12-7   | Anthracene                 | 30    | U         | 30  | 50.5 | 200        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 20    | U         | 20  | 50.5 | 200        | ug/Kg |
| 86-74-8    | Carbazole                  | 40    | U         | 40  | 98.1 | 390        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 32    | U         | 32  | 50.5 | 200        | ug/Kg |
| 206-44-0   | Fluoranthene               | 49    | J         | 23  | 98.1 | 200        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B59                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-02              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 16.2                  |
| 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 |
| BG061770.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 40     | J         | 21     | 50.5 | 200        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 26     | U         | 26     | 50.5 | 200        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 62     | U         | 62     | 98.1 | 390        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 27     | U         | 27     | 50.5 | 200        | ug/Kg    |
| 218-01-9          | Chrysene                    | 29     | U         | 29     | 50.5 | 200        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 30     | U         | 30     | 50.5 | 200        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 57     | U         | 57     | 98.1 | 390        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 44     | U         | 44     | 50.5 | 200        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 45     | U         | 45     | 50.5 | 200        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 37     | U         | 37     | 50.5 | 200        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 33     | U         | 33     | 50.5 | 200        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 31     | U         | 31     | 50.5 | 200        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 38     | U         | 38     | 50.5 | 200        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 43     | U         | 43     | 50.5 | 200        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.723  |           | 15-120 |      | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 2.727  | *         | 20-120 |      | 7          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.024 |           | 10-130 |      | 55         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.494 |           | 10-150 |      | 56         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.021 |           | 15-120 |      | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.21  |           | 10-140 |      | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 26.692 |           | 10-135 |      | 67         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.863 |           | 10-120 |      | 72         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.589 |           | 10-140 |      | 56         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 6.846  |           | 1-145  |      | 17         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.476 |           | 10-145 |      | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.388 |           | 15-120 |      | 61         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 19.913 |           | 10-150 |      | 50         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.922 |           | 20-140 |      | 60         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4B59              | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-02           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 16.2                  |
| 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 |
| BG061770.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 17.744 |           | 10-130 |     | 44         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.06  |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 25.873 |           | 10-130 |     | 65         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 19.341 |           | 10-140 |     | 48         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 82836  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 390963 | 10.867    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 244391 | 14.686    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 511788 | 17.43     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 390719 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 451387 | 24.904    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000079-39-0                           | Methacrylamide                | 220    | J         |        |     | 3.987      |          |
|                                       | unknown-01                    | 280    | J         |        |     | 5.138      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 120    | J         |        |     | 11.602     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 140    | J         |        |     | 18.311     |          |
|                                       | (DEL) Alkane: Cyclic21.337    | 250    | J         |        |     | 21.337     |          |
| E966796                               | Total Alkanes                 | 250    |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM       |
| Client Sample ID:  | A4CQ3                 | SDG No.:        | BG062724                    |
| Lab Sample ID:     | P2934-17              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 50.1                        |
| 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 |
| BG061771.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 54    | U         | 54  | 13.2 | 130        | ug/Kg |
| 100-52-7       | Benzaldehyde                | 120   | U         | 120 | 160  | 660        | ug/Kg |
| 110-86-1       | Pyridine                    | 150   | U         | 150 | 330  | 660        | ug/Kg |
| 108-95-2       | Phenol                      | 60    | U         | 60  | 160  | 660        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 58    | U         | 58  | 160  | 660        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 56    | U         | 56  | 84.9 | 340        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 62    | U         | 62  | 160  | 660        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 80    | U         | 80  | 160  | 660        | ug/Kg |
| 98-86-2        | Acetophenone                | 130   | U         | 130 | 160  | 660        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 110   | U         | 110 | 160  | 660        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 160   | U         | 160 | 84.9 | 340        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 120   | U         | 120 | 84.9 | 340        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 130   | U         | 130 | 84.9 | 340        | ug/Kg |
| 78-59-1        | Isophorone                  | 130   | U         | 130 | 84.9 | 340        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 120   | U         | 120 | 84.9 | 340        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 64    | U         | 64  | 84.9 | 340        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 90    | U         | 90  | 84.9 | 340        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 76    | U         | 76  | 84.9 | 340        | ug/Kg |
| 91-20-3        | Naphthalene                 | 48    | U         | 48  | 84.9 | 340        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 72    | U         | 72  | 84.9 | 660        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 70    | U         | 70  | 84.9 | 340        | ug/Kg |
| 105-60-2       | Caprolactam                 | 130   | U         | 130 | 160  | 660        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 82    | U         | 82  | 84.9 | 340        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 48    | U         | 48  | 84.9 | 340        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 64    | U         | 64  | 84.9 | 340        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 190   | U         | 190 | 160  | 660        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 48    | U         | 48  | 84.9 | 340        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 66    | U         | 66  | 84.9 | 340        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ3                 | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-17              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 50.1                  |
| 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 |
| BG061771.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 52    | U         | 52  | 84.9 | 340        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 66    | U         | 66  | 84.9 | 340        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 90    | U         | 90  | 84.9 | 340        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 60    | U         | 60  | 84.9 | 340        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 40    | U         | 40  | 84.9 | 340        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 58    | U         | 58  | 84.9 | 340        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 130   | U         | 130 | 160  | 660        | ug/Kg |
| 83-32-9    | Acenaphthene               | 52    | U         | 52  | 84.9 | 340        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 260   | U         | 260 | 160  | 660        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 88    | U         | 88  | 160  | 660        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 54    | U         | 54  | 84.9 | 340        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 70    | U         | 70  | 84.9 | 340        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 66    | U         | 66  | 84.9 | 340        | ug/Kg |
| 86-73-7    | Fluorene                   | 54    | U         | 54  | 84.9 | 340        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 40    | U         | 40  | 84.9 | 340        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 48    | U         | 48  | 160  | 660        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 76    | U         | 76  | 160  | 660        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 48    | U         | 48  | 84.9 | 340        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 68    | U         | 68  | 84.9 | 340        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 52    | U         | 52  | 84.9 | 340        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 56    | U         | 56  | 84.9 | 340        | ug/Kg |
| 1912-24-9  | Atrazine                   | 56    | U         | 56  | 160  | 660        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 180   | U         | 180 | 160  | 660        | ug/Kg |
| 85-01-8    | Phenanthrene               | 430   |           | 54  | 84.9 | 340        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 74    | U         | 74  | 84.9 | 340        | ug/Kg |
| 120-12-7   | Anthracene                 | 80    | J         | 50  | 84.9 | 340        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 34    | U         | 34  | 84.9 | 340        | ug/Kg |
| 86-74-8    | Carbazole                  | 68    | U         | 68  | 160  | 660        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 54    | U         | 54  | 84.9 | 340        | ug/Kg |
| 206-44-0   | Fluoranthene               | 660   |           | 38  | 160  | 340        | ug/Kg |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ3              | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-17           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 50.1                  |
| 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 |
| BG061771.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 600    |           | 36     | 84.9 | 340        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 44     | U         | 44     | 84.9 | 340        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 100    | U         | 100    | 160  | 660        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 280    | J         | 46     | 84.9 | 340        | ug/Kg    |
| 218-01-9          | Chrysene                    | 290    | J         | 48     | 84.9 | 340        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 50     | U         | 50     | 84.9 | 340        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 96     | U         | 96     | 160  | 660        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 360    |           | 74     | 84.9 | 340        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 130    | J         | 76     | 84.9 | 340        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 280    | J         | 62     | 84.9 | 340        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 170    | J         | 56     | 84.9 | 340        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 52     | U         | 52     | 84.9 | 340        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 190    | J         | 64     | 84.9 | 340        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 72     | U         | 72     | 84.9 | 340        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.3    |           | 15-120 |      | 66         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 20.057 |           | 20-120 |      | 50         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.801 |           | 10-130 |      | 65         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.841 |           | 10-150 |      | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.995 |           | 15-120 |      | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.675 |           | 10-140 |      | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.652 |           | 10-135 |      | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 36.378 |           | 10-120 |      | 91         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.865 |           | 10-140 |      | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.89  |           | 1-145  |      | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.83  |           | 10-145 |      | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.81  |           | 15-120 |      | 77         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.362 |           | 10-150 |      | 58         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.718 |           | 20-140 |      | 72         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 6/17/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 6/17/2024 12:00:00 AM |
| Client Sample ID:  | A4CQ3              | SDG No.:        | BG062724              |
| Lab Sample ID:     | P2934-17           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 50.1                  |
| 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 |
| BG061771.D        | 1         | 6/19/2024 12:00:00 AM | 6/28/2024 12:00:00 AM | PB161583      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 14.838 |           | 10-130 |     | 37         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 29.702 |           | 10-150 |     | 74         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 33.017 |           | 10-130 |     | 83         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 30.903 |           | 10-140 |     | 77         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 73121  | 8.059     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 334096 | 10.868    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 212979 | 14.687    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 456553 | 17.431    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 340412 | 21.69     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 398377 | 24.91     |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-55-6                           | Propylene Glycol                   | 380    | J         |        |     | 3.729      |          |
| 000111-90-0                           | Ethanol, 2-(2-ethoxyethoxy)-       | 160    | J         |        |     | 7.636      |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester  | 180    | J         |        |     | 9.775      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 310    | J         |        |     | 11.602     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 300    | J         |        |     | 18.312     |          |
|                                       | (DEL) Alkane: Straight-Chain21.338 | 540    | J         |        |     | 21.338     |          |
| E966796                               | Total Alkanes                      | 540    |           |        |     | 99         | ug/Kg    |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID                   | Client ID |       | Parameter                            | Concentration | C | MDL  | RDL | Units |
|-----------------------------|-----------|-------|--------------------------------------|---------------|---|------|-----|-------|
| <b>Client ID : E1G85</b>    |           |       |                                      |               |   |      |     |       |
| P2898-07                    | E1G85     | Water | (DEL) Alkane: Straight-Chain21.1 *   | 3.000         | J |      |     |       |
| P2898-07                    | E1G85     | Water | 1-Phenoxypropan-2-ol *               | 2.200         | J |      |     |       |
| P2898-07                    | E1G85     | Water | Methoxyacetic acid, heptyl ester *   | 2.300         | J |      |     |       |
| P2898-07                    | E1G85     | Water | Total Alkanes *                      | 3.000         |   | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                      | <b>10.50</b>  |   |      |     |       |
| <b>Total Concentration:</b> |           |       |                                      | <b>10.50</b>  |   |      |     |       |
| <b>Client ID : E1GB1</b>    |           |       |                                      |               |   |      |     |       |
| P2898-08                    | E1GB1     | Water | 1-Phenoxypropan-2-ol *               | 3.700         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | 2-Propenoic acid, 2-methyl-, 1,2-e * | 7.100         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | 2-Propenoic acid, 2-methyl-, oxyb *  | 8.400         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | 2H-Pyrrol-2-one, 1,5-dihydro-4-m *   | 5.700         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | Ethanol, 2-(2-butoxyethoxy)- *       | 3.200         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | unknown-01 *                         | 2.500         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | unknown-02 *                         | 2.100         | J |      |     |       |
| P2898-08                    | E1GB1     | Water | Total Alkanes *                      | 0.000         |   | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                      | <b>32.70</b>  |   |      |     |       |
| <b>Total Concentration:</b> |           |       |                                      | <b>32.70</b>  |   |      |     |       |
| <b>Client ID : E1GC3</b>    |           |       |                                      |               |   |      |     |       |
| P2898-12                    | E1GC3     | Water | 1-Pentanol, 2-ethyl-4-methyl- *      | 10.000        | J |      |     |       |
| P2898-12                    | E1GC3     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d * | 5.200         | J |      |     |       |
| P2898-12                    | E1GC3     | Water | Hexanal *                            | 4.700         | J |      |     |       |
| P2898-12                    | E1GC3     | Water | Total Alkanes *                      | 0.000         |   | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                      | <b>19.90</b>  |   |      |     |       |
| <b>Total Concentration:</b> |           |       |                                      | <b>19.90</b>  |   |      |     |       |
| <b>Client ID : E1GC4</b>    |           |       |                                      |               |   |      |     |       |
| P2898-13                    | E1GC4     | Water | (DEL) Alkane: Straight-Chain8.1( *   | 5.200         | J |      |     |       |
| P2898-13                    | E1GC4     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d * | 9.900         | J |      |     |       |
| P2898-13                    | E1GC4     | Water | Total Alkanes *                      | 5.200         |   | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                      | <b>20.30</b>  |   |      |     |       |
| <b>Total Concentration:</b> |           |       |                                      | <b>20.30</b>  |   |      |     |       |
| <b>Client ID : E1GD7</b>    |           |       |                                      |               |   |      |     |       |
| P2898-14                    | E1GD7     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d * | 4.800         | J |      |     |       |
| P2898-14                    | E1GD7     | Water | Total Alkanes *                      | 0.000         |   | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                      | <b>4.80</b>   |   |      |     |       |
| <b>Total Concentration:</b> |           |       |                                      | <b>4.80</b>   |   |      |     |       |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID                   | Client ID |       | Parameter                          | Concentration | C            | MDL  | RDL | Units |
|-----------------------------|-----------|-------|------------------------------------|---------------|--------------|------|-----|-------|
| <b>Client ID : E1GD8</b>    |           |       |                                    |               |              |      |     |       |
| P2898-15                    | E1GD8     | Water | 1-Phenoxypropan-2-ol               | *             | 2.800        | J    |     |       |
| P2898-15                    | E1GD8     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | *             | 5.900        | J    |     |       |
| P2898-15                    | E1GD8     | Water | Hexanal                            | *             | 3.400        | J    |     |       |
| P2898-15                    | E1GD8     | Water | unknown-01                         | *             | 2.200        | J    |     |       |
| P2898-15                    | E1GD8     | Water | Total Alkanes                      | *             | 0.000        | 0.99 | 5   | ug/L  |
| <b>Total Tics :</b>         |           |       |                                    |               | <b>14.30</b> |      |     |       |
| <b>Total Concentration:</b> |           |       |                                    |               | <b>14.30</b> |      |     |       |
| <b>Client ID : C0AB4</b>    |           |       |                                    |               |              |      |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Cyclic19.460         | *             | 100.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Cyclic24.078         | *             | 330.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Straight-Chain22.5   | *             | 1,800.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Straight-Chain24.0   | *             | 1,100.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Straight-Chain26.1   | *             | 310.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Straight-Chain26.2   | *             | 460.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | (DEL) Alkane: Straight-Chain29.3   | *             | 140.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | .alpha.-Guaiene                    | *             | 300.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,3,4,4,5-he     | *             | 310.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,3,4,5-hexac    | *             | 480.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,4,4,5,6-he     | *             | 540.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,4,5,5,6-he     | *             | 590.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,4,5,5-hexa     | *             | 520.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,4,5,6-hexachl  | *             | 1,600.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,2,3,5,5-pentach    | *             | 680.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,3,3,4,6-pentach    | *             | 830.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,1-Biphenyl, 2,3,4,4,5,5-hexa     | *             | 1,500.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,15-Hexadecadiene                 | *             | 440.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1,2-Benzenedicarboxylic acid, bis  | *             | 430.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 1-Phenoxypropan-2-ol               | *             | 360.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 2,2,3,3,4,5,6-Heptachlorobiphen    | *             | 590.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 2,3,3,4,5,6-Hexachloro-1,1-biph    | *             | 1,500.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 2,3,3,5,6-Pentachloro-1,1-biphen   | *             | 770.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 2,4,6-Trichlorophenyl isocyanate   | *             | 350.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | 5-Bromo-4-oxo-4,5,6,7-tetrahydc    | *             | 3,000.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Benzaldehyde, 5-(1,1-dimethyleth   | *             | 2,100.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Benzene, 1,3-bis(1,1-dimethyleth   | *             | 1,000.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Benzene, 1-(1,1-dimethylethyl)-3-  | *             | 1,500.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Heptadecyl trifluoroacetate        | *             | 600.000      | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Lup-20(29)-en-3-one                | *             | 3,100.000    | J    |     |       |
| P2899-12                    | C0AB4     | Solid | Lupeol                             | *             | 8,800.000    | J    |     |       |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C          | MDL    | RDL | Units |
|----------------------|-----------|--------|------------------------------------|---------------|------------|--------|-----|-------|
| P2899-12             | C0AB4     | Solid  | n-Hexadecanoic acid                | *             | 660.000    | J      |     |       |
| P2899-12             | C0AB4     | Solid  | Oxirane, hexadecyl-                | *             | 370.000    | J      |     |       |
| P2899-12             | C0AB4     | Solid  | Phenol, p-tert-butyl-              | *             | 13,000.000 | J      |     |       |
| P2899-12             | C0AB4     | Solid  | Propylene Glycol                   | *             | 340.000    | J      |     |       |
| P2899-12             | C0AB4     | Solid  | unknown-01                         | *             | 970.000    | J      |     |       |
| P2899-12             | C0AB4     | Solid  | unknown-02                         | *             | 340.000    | J      |     |       |
| P2899-12             | C0AB4     | Solid  | Total Alkanes                      | *             | 4,200.000  | 33     | 220 | ug/Kg |
| Total Tics :         |           |        |                                    | 56,010.00     |            |        |     |       |
| P2899-12             | C0AB4     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 1,600.000  | 32     | 220 | ug/Kg |
| P2899-12             | C0AB4     | Solid  | Butylbenzylphthalate               |               | 2,300.000  | 28     | 220 | ug/Kg |
| P2899-12             | C0AB4     | Solid  | Di-n-butylphthalate                |               | 65.000     | J 34   | 220 | ug/Kg |
| P2899-12             | C0AB4     | Solid  | Pentachlorophenol                  |               | 690.000    | 110    | 420 | ug/Kg |
| Total Svoc :         |           |        |                                    | 4,655.00      |            |        |     |       |
| Total Concentration: |           |        |                                    | 60,665.00     |            |        |     |       |
| Client ID : C0AB5    |           |        |                                    |               |            |        |     |       |
| P2899-13             | C0AB5     | Solid  | 1-Phenoxypropan-2-ol               | *             | 350.000    | J      |     |       |
| P2899-13             | C0AB5     | Solid  | n-Hexadecanoic acid                | *             | 350.000    | J      |     |       |
| P2899-13             | C0AB5     | Solid  | Pentanedioic acid, dimethyl ester  | *             | 96.000     | J      |     |       |
| P2899-13             | C0AB5     | Solid  | Propylene Glycol                   | *             | 400.000    | J      |     |       |
| P2899-13             | C0AB5     | Solid  | unknown-01                         | *             | 160.000    | J      |     |       |
| P2899-13             | C0AB5     | Solid  | Total Alkanes                      | *             | 0.000      | 34     | 220 | ug/Kg |
| Total Tics :         |           |        |                                    | 1,356.00      |            |        |     |       |
| Total Concentration: |           |        |                                    | 1,356.00      |            |        |     |       |
| Client ID : C0AA1    |           |        |                                    |               |            |        |     |       |
| P2899-19             | C0AA1     | Water  | 2-Propanol, 1-(2-methoxypropoxy    | *             | 2.200      | J      |     |       |
| P2899-19             | C0AA1     | Water  | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | *             | 3.700      | J      |     |       |
| P2899-19             | C0AA1     | Water  | Benzothiazole                      | *             | 3.800      | J      |     |       |
| P2899-19             | C0AA1     | Water  | Diethyltoluamide                   | *             | 14.000     | J      |     |       |
| P2899-19             | C0AA1     | Water  | Propanoic acid, 2-methyl-, 3-hydr  | *             | 7.400      | J      |     |       |
| P2899-19             | C0AA1     | Water  | Propanoic acid, 2-methyl-, butyl e | *             | 3.400      | J      |     |       |
| P2899-19             | C0AA1     | Water  | unknown-01                         | *             | 4.800      | J      |     |       |
| P2899-19             | C0AA1     | Water  | Total Alkanes                      | *             | 0.000      | 0.99   | 5   | ug/L  |
| Total Tics :         |           |        |                                    | 39.30         |            |        |     |       |
| P2899-19             | C0AA1     | Water  | Diethylphthalate                   |               | 2.900      | J 0.87 | 5   | ug/L  |
| Total Svoc :         |           |        |                                    | 2.90          |            |        |     |       |
| Total Concentration: |           |        |                                    | 42.20         |            |        |     |       |
| Client ID : A4B58    |           |        |                                    |               |            |        |     |       |
| P2934-01             | A4B58     | Solid  | (DEL) Alkane: Straight-Chain24.(   | *             | 210.000    | J      |     |       |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,2,4,4-tetrachlo    | *             | 160.000    | J      |     |       |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C        | MDL | RDL | Units     |
|----------------------|-----------|--------|-----------------------------------|---------------|----------|-----|-----|-----------|
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,2,6,6-tetrachlo   | *             | 390.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,3,3,5-tetrachlo   | *             | 260.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,3,4,4,5-Pentachl  | *             | 97.000   | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,3,4,4-tetrachlor  | *             | 200.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,3,4,6-tetrachlo   | *             | 330.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 2,4,4-trichloro-    | *             | 280.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,1-Biphenyl, 3,3,4,4-tetrachlo   | *             | 280.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1,3-Dioxolane, 2-(5-bromopentyl)  | *             | 270.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 1-Phenoxypropan-2-ol              | *             | 160.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 11H-Benzo[b]fluorene              | *             | 100.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | 2,3,3,5,5-Pentachloro-1,1-biphe   | *             | 120.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | n-Hexadecanoic acid               | *             | 250.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | Octadecyl trifluoroacetate        | *             | 380.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | Pentanedioic acid, dimethyl ester | *             | 99.000   | J   |     |           |
| P2934-01             | A4B58     | Solid  | unknown-01                        | *             | 210.000  | J   |     |           |
| P2934-01             | A4B58     | Solid  | Total Alkanes                     | *             | 210.000  |     | 35  | 230 ug/Kg |
| Total Tics :         |           |        |                                   |               | 4,006.00 |     |     |           |
| P2934-01             | A4B58     | Solid  | Acenaphthene                      |               | 52.000   | J   | 35  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Acetophenone                      |               | 160.000  | J   | 88  | 440 ug/Kg |
| P2934-01             | A4B58     | Solid  | Anthracene                        |               | 100.000  | J   | 33  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Benzo(a)anthracene                |               | 330.000  |     | 31  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Benzo(a)pyrene                    |               | 190.000  | J   | 41  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Benzo(b)fluoranthene              |               | 420.000  |     | 50  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Benzo(k)fluoranthene              |               | 170.000  | J   | 51  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Carbazole                         |               | 51.000   | J   | 46  | 440 ug/Kg |
| P2934-01             | A4B58     | Solid  | Chrysene                          |               | 340.000  |     | 32  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Di-n-butylphthalate               |               | 60.000   | J   | 36  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Dibenzo(a,h)anthracene            |               | 58.000   | J   | 35  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Fluoranthene                      |               | 830.000  |     | 25  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Fluorene                          |               | 49.000   | J   | 36  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Indeno(1,2,3-cd)pyrene            |               | 140.000  | J   | 37  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Phenanthrene                      |               | 540.000  |     | 36  | 230 ug/Kg |
| P2934-01             | A4B58     | Solid  | Pyrene                            |               | 590.000  |     | 24  | 230 ug/Kg |
| Total Svoc :         |           |        |                                   |               | 4,080.00 |     |     |           |
| Total Concentration: |           |        |                                   |               | 8,086.00 |     |     |           |
| Client ID : A4B59    |           |        |                                   |               |          |     |     |           |
| P2934-02             | A4B59     | Solid  | (DEL) Alkane: Cyclic21.337        | *             | 250.000  | J   |     |           |
| P2934-02             | A4B59     | Solid  | 1-Phenoxypropan-2-ol              | *             | 120.000  | J   |     |           |
| P2934-02             | A4B59     | Solid  | Methacrylamide                    | *             | 220.000  | J   |     |           |
| P2934-02             | A4B59     | Solid  | n-Hexadecanoic acid               | *             | 140.000  | J   |     |           |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID | Client ID | Matrix | Parameter                   | Concentration | C               | MDL  | RDL | Units |
|-----------|-----------|--------|-----------------------------|---------------|-----------------|------|-----|-------|
| P2934-02  | A4B59     | Solid  | unknown-01                  | *             | 280.000         | J    |     |       |
| P2934-02  | A4B59     | Solid  | Total Alkanes               | *             | 250.000         | 31   | 200 | ug/Kg |
|           |           |        | <b>Total Tics :</b>         |               | <b>1,260.00</b> |      |     |       |
| P2934-02  | A4B59     | Solid  | Acetophenone                |               | 290.000         | J 78 | 390 | ug/Kg |
| P2934-02  | A4B59     | Solid  | Fluoranthene                |               | 49.000          | J 23 | 200 | ug/Kg |
| P2934-02  | A4B59     | Solid  | Phenol                      |               | 41.000          | J 36 | 390 | ug/Kg |
| P2934-02  | A4B59     | Solid  | Pyrene                      |               | 40.000          | J 21 | 200 | ug/Kg |
|           |           |        | <b>Total Svoc :</b>         |               | <b>420.00</b>   |      |     |       |
|           |           |        | <b>Total Concentration:</b> |               | <b>1,680.00</b> |      |     |       |

Client ID : A4CQ0

|          |       |       |                                      |   |           |   |  |  |
|----------|-------|-------|--------------------------------------|---|-----------|---|--|--|
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain17.1 *   |   | 130.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain18.6 *   |   | 170.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain20.3 *   |   | 210.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain22.5 *   |   | 3,100.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain24.0 *   |   | 1,200.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain24.0 *   |   | 1,000.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain26.1 *   |   | 1,600.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | (DEL) Alkane: Straight-Chain26.2 *   |   | 790.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | .gamma.-Sitosterol                   | * | 590.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 1,19-Eicosadiene                     | * | 1,000.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | 1,21-Docosadiene                     | * | 680.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 1-Phenoxypropan-2-ol                 | * | 310.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 10,18-Bisnorabieta-5,7,9(10),11,1 *  |   | 240.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 1H-Cyclopropa[l]phenanthrene,1a *    |   | 170.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 4H-Cyclopenta[def]phenanthrene *     |   | 490.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 9,10-Anthracenedione                 | * | 240.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 9-Ethoxy-10-oxatricyclo[7.2.1.0(1 *  |   | 490.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | 9H-Fluoren-9-one                     | * | 140.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | di-p-Tolylacetylene                  | * | 270.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Dibenzothiophene                     | * | 140.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Dodecanoic acid                      | * | 130.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Heptacosanal                         | * | 310.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Methacrylamide                       | * | 170.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | n-Hexadecanoic acid                  | * | 1,400.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | Octacosanal                          | * | 530.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Octadecanoic acid                    | * | 320.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | Oxalic acid, isobutyl tetradecyl e * |   | 1,500.000 | J |  |  |
| P2934-14 | A4CQ0 | Solid | Pentanedioic acid, dimethyl ester *  |   | 190.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | R-(-)-1,2-propanediol                | * | 210.000   | J |  |  |
| P2934-14 | A4CQ0 | Solid | unknown-01                           | * | 110.000   | J |  |  |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C         | MDL | RDL | Units     |
|----------------------|-----------|--------|-----------------------------------|---------------|-----------|-----|-----|-----------|
| P2934-14             | A4CQ0     | Solid  | unknown-02                        | *             | 380.000   | J   |     |           |
| P2934-14             | A4CQ0     | Solid  | unknown-03                        | *             | 140.000   | J   |     |           |
| P2934-14             | A4CQ0     | Solid  | Total Alkanes                     | *             | 8,200.000 |     | 41  | 270 ug/Kg |
| Total Tics :         |           |        |                                   | 26,550.00     |           |     |     |           |
| P2934-14             | A4CQ0     | Solid  | 2-Methylnaphthalene               |               | 96.000    | J   | 50  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Acenaphthene                      |               | 75.000    | J   | 41  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Acenaphthylene                    |               | 130.000   | J   | 45  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Anthracene                        |               | 290.000   |     | 39  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Benzo(a)anthracene                |               | 1,300.000 |     | 36  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Benzo(a)pyrene                    |               | 830.000   |     | 48  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Benzo(b)fluoranthene              |               | 2,200.000 |     | 58  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Benzo(g,h,i)perylene              |               | 150.000   | J   | 50  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Benzo(k)fluoranthene              |               | 750.000   |     | 59  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Bis(2-ethylhexyl)phthalate        |               | 110.000   | J   | 39  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Carbazole                         |               | 110.000   | J   | 53  | 510 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Chrysene                          |               | 1,600.000 |     | 37  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Dibenzo(a,h)anthracene            |               | 380.000   |     | 41  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Dibenzofuran                      |               | 120.000   | J   | 42  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Fluoranthene                      |               | 2,600.000 |     | 30  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Fluorene                          |               | 83.000    | J   | 42  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Indeno(1,2,3-cd)pyrene            |               | 840.000   |     | 44  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Naphthalene                       |               | 170.000   | J   | 37  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Phenanthrene                      |               | 1,300.000 |     | 42  | 270 ug/Kg |
| P2934-14             | A4CQ0     | Solid  | Pyrene                            |               | 1,900.000 |     | 28  | 270 ug/Kg |
| Total Svoc :         |           |        |                                   | 15,034.00     |           |     |     |           |
| Total Concentration: |           |        |                                   | 41,584.00     |           |     |     |           |
| Client ID : A4CQ3    |           |        |                                   |               |           |     |     |           |
| P2934-17             | A4CQ3     | Solid  | (DEL) Alkane: Straight-Chain21.3  | *             | 540.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | 1-Phenoxypropan-2-ol              | *             | 310.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | Ethanol, 2-(2-ethoxyethoxy)-      | *             | 160.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | n-Hexadecanoic acid               | *             | 300.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | Pentanedioic acid, dimethyl ester | *             | 180.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | Propylene Glycol                  | *             | 380.000   | J   |     |           |
| P2934-17             | A4CQ3     | Solid  | Total Alkanes                     | *             | 540.000   |     | 52  | 340 ug/Kg |
| Total Tics :         |           |        |                                   | 2,410.00      |           |     |     |           |
| P2934-17             | A4CQ3     | Solid  | Anthracene                        |               | 80.000    | J   | 50  | 340 ug/Kg |
| P2934-17             | A4CQ3     | Solid  | Benzo(a)anthracene                |               | 280.000   | J   | 46  | 340 ug/Kg |
| P2934-17             | A4CQ3     | Solid  | Benzo(a)pyrene                    |               | 280.000   | J   | 62  | 340 ug/Kg |
| P2934-17             | A4CQ3     | Solid  | Benzo(b)fluoranthene              |               | 360.000   |     | 74  | 340 ug/Kg |
| P2934-17             | A4CQ3     | Solid  | Benzo(g,h,i)perylene              |               | 190.000   | J   | 64  | 340 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                         | Concentration | C       | MDL | RDL | Units |       |
|----------------------|-----------|--------|-----------------------------------|---------------|---------|-----|-----|-------|-------|
| P2934-17             | A4CQ3     | Solid  | Benzo(k)fluoranthene              | 130.000       | J       | 76  | 340 | ug/Kg |       |
| P2934-17             | A4CQ3     | Solid  | Chrysene                          | 290.000       | J       | 48  | 340 | ug/Kg |       |
| P2934-17             | A4CQ3     | Solid  | Fluoranthene                      | 660.000       |         | 38  | 340 | ug/Kg |       |
| P2934-17             | A4CQ3     | Solid  | Indeno(1,2,3-cd)pyrene            | 170.000       | J       | 56  | 340 | ug/Kg |       |
| P2934-17             | A4CQ3     | Solid  | Phenanthrene                      | 430.000       |         | 54  | 340 | ug/Kg |       |
| P2934-17             | A4CQ3     | Solid  | Pyrene                            | 600.000       |         | 36  | 340 | ug/Kg |       |
| Total Svoc :         |           |        |                                   | 3,470.00      |         |     |     |       |       |
| Total Concentration: |           |        |                                   | 5,880.00      |         |     |     |       |       |
| Client ID : A4B56    |           |        |                                   |               |         |     |     |       |       |
| P2934-20             | A4B56     | Solid  | 1-Phenoxypropan-2-ol              | *             | 260.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Docosa-2,6,10,14,18-pentaen-22-ic | *             | 440.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Ethanol, 2-[2-(2-ethoxyethoxy)eth | *             | 130.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Pentadecafluorooctanoic acid, oct | *             | 260.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Pentanedioic acid, dimethyl ester | *             | 120.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Tridecanoic acid                  | *             | 270.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | unknown-01                        | *             | 350.000 | J   |     |       |       |
| P2934-20             | A4B56     | Solid  | Total Alkanes                     | *             | 0.000   | 41  | 270 | ug/Kg |       |
| Total Tics :         |           |        |                                   | 1,830.00      |         |     |     |       |       |
| P2934-20             | A4B56     | Solid  | Fluoranthene                      |               | 110.000 | J   | 30  | 270   | ug/Kg |
| P2934-20             | A4B56     | Solid  | Phenanthrene                      |               | 65.000  | J   | 42  | 270   | ug/Kg |
| P2934-20             | A4B56     | Solid  | Pyrene                            |               | 100.000 | J   | 28  | 270   | ug/Kg |
| Total Svoc :         |           |        |                                   | 275.00        |         |     |     |       |       |
| Total Concentration: |           |        |                                   | 2,105.00      |         |     |     |       |       |
| Client ID : A4B57    |           |        |                                   |               |         |     |     |       |       |
| P2934-21             | A4B57     | Solid  | (DEL) Alkane: Straight-Chain21.3  | *             | 270.000 | J   |     |       |       |
| P2934-21             | A4B57     | Solid  | 1-Phenoxypropan-2-ol              | *             | 250.000 | J   |     |       |       |
| P2934-21             | A4B57     | Solid  | Heptadecanoic acid                | *             | 150.000 | J   |     |       |       |
| P2934-21             | A4B57     | Solid  | Pentanedioic acid, dimethyl ester | *             | 130.000 | J   |     |       |       |
| P2934-21             | A4B57     | Solid  | unknown-01                        | *             | 260.000 | J   |     |       |       |
| P2934-21             | A4B57     | Solid  | Total Alkanes                     | *             | 270.000 | 45  | 290 | ug/Kg |       |
| Total Tics :         |           |        |                                   | 1,330.00      |         |     |     |       |       |
| P2934-21             | A4B57     | Solid  | Fluoranthene                      |               | 63.000  | J   | 33  | 290   | ug/Kg |
| Total Svoc :         |           |        |                                   | 63.00         |         |     |     |       |       |
| Total Concentration: |           |        |                                   | 1,393.00      |         |     |     |       |       |
| Client ID : A4B73    |           |        |                                   |               |         |     |     |       |       |
| P2934-22             | A4B73     | Solid  | (DEL) Alkane: Cyclic21.342        | *             | 770.000 | J   |     |       |       |
| P2934-22             | A4B73     | Solid  | 1-Phenoxypropan-2-ol              | *             | 480.000 | J   |     |       |       |
| P2934-22             | A4B73     | Solid  | n-Hexadecanoic acid               | *             | 600.000 | J   |     |       |       |
| P2934-22             | A4B73     | Solid  | Pentanedioic acid, dimethyl ester | *             | 190.000 | J   |     |       |       |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                          | Concentration | C         | MDL | RDL | Units     |
|----------------------|-----------|--------|------------------------------------|---------------|-----------|-----|-----|-----------|
| P2934-22             | A4B73     | Solid  | Propylene Glycol                   | *             | 550.000   | J   |     |           |
| P2934-22             | A4B73     | Solid  | Silane, tetramethyl-               | *             | 570.000   | J   |     |           |
| P2934-22             | A4B73     | Solid  | Sulfurous acid, butyl tetradecyl e | *             | 620.000   | J   |     |           |
| P2934-22             | A4B73     | Solid  | unknown-01                         | *             | 250.000   | J   |     |           |
| P2934-22             | A4B73     | Solid  | Total Alkanes                      | *             | 770.000   |     | 64  | 420 ug/Kg |
| Total Tics :         |           |        |                                    | 4,800.00      |           |     |     |           |
| P2934-22             | A4B73     | Solid  | Benzo(a)anthracene                 |               | 230.000   | J   | 57  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Benzo(a)pyrene                     |               | 130.000   | J   | 76  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Benzo(b)fluoranthene               |               | 390.000   | J   | 91  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Benzo(k)fluoranthene               |               | 110.000   | J   | 93  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Bis(2-ethylhexyl)phthalate         |               | 170.000   | J   | 61  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Chrysene                           |               | 300.000   | J   | 59  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Fluoranthene                       |               | 760.000   |     | 47  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Indeno(1,2,3-cd)pyrene             |               | 110.000   | J   | 69  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Phenanthrene                       |               | 320.000   | J   | 66  | 420 ug/Kg |
| P2934-22             | A4B73     | Solid  | Pyrene                             |               | 440.000   |     | 44  | 420 ug/Kg |
| Total Svoc :         |           |        |                                    | 2,960.00      |           |     |     |           |
| Total Concentration: |           |        |                                    | 7,760.00      |           |     |     |           |
| Client ID : A4DK5    |           |        |                                    |               |           |     |     |           |
| P2934-24             | A4DK5     | Solid  | (DEL) Alkane: Cyclic26.272         | *             | 160.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | (DEL) Alkane: Straight-Chain24.(   | *             | 140.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | (DEL) Alkane: Straight-Chain26.1   | *             | 230.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | 1,1-Biphenyl, 2-methyl-            | *             | 76.000    | J   |     |           |
| P2934-24             | A4DK5     | Solid  | 1-Phenoxypropan-2-ol               | *             | 83.000    | J   |     |           |
| P2934-24             | A4DK5     | Solid  | 9,10-Anthracenedione               | *             | 140.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Benzene, 1,3-dichloro-             | *             | 2,400.000 | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Benzene, 1,4-dichloro-             | *             | 7,800.000 | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Dodecanoic acid, methyl ester      | *             | 79.000    | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Hexadecanoic acid, methyl ester    | *             | 130.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Hexanoic acid, methyl ester        | *             | 89.000    | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Indeno[1,2,3-cd]fluoranthene       | *             | 480.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | n-Hexadecanoic acid                | *             | 370.000   | J   |     |           |
| P2934-24             | A4DK5     | Solid  | unknown-01                         | *             | 75.000    | J   |     |           |
| P2934-24             | A4DK5     | Solid  | Total Alkanes                      | *             | 530.000   |     | 26  | 170 ug/Kg |
| Total Tics :         |           |        |                                    | 12,782.00     |           |     |     |           |
| P2934-24             | A4DK5     | Solid  | 2,4,5-Trichlorophenol              |               | 4,100.000 | E   | 33  | 170 ug/Kg |
| P2934-24             | A4DK5     | Solid  | 2,4,6-Trichlorophenol              |               | 3,000.000 | E   | 24  | 170 ug/Kg |
| P2934-24             | A4DK5     | Solid  | 2,4-Dichlorophenol                 |               | 5,900.000 | E   | 38  | 170 ug/Kg |
| P2934-24             | A4DK5     | Solid  | 2,4-Dinitrotoluene                 |               | 7,700.000 | E   | 35  | 170 ug/Kg |
| P2934-24             | A4DK5     | Solid  | 2,6-Dinitrotoluene                 |               | 4,500.000 | E   | 20  | 170 ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID | Matrix | Parameter                  | Concentration | C         | MDL   | RDL | Units |
|----------------------|-----------|--------|----------------------------|---------------|-----------|-------|-----|-------|
| P2934-24             | A4DK5     | Solid  | 2-Chlorophenol             | 1,700.000     |           | 28    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | 2-Nitrophenol              | 6,000.000     | E         | 60    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | 4-Bromophenyl-phenylether  | 3,200.000     | E         | 26    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | 4-Chloro-3-methylphenol    | 5,400.000     | E         | 41    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | 4-Nitrophenol              | 3,200.000     |           | 44    | 330 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Acenaphthene               | 5,600.000     | E         | 26    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Anthracene                 | 1,500.000     |           | 25    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Benzo(a)anthracene         | 2,900.000     | E         | 23    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Benzo(a)pyrene             | 1,400.000     |           | 31    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Benzo(b)fluoranthene       | 1,700.000     |           | 37    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Benzo(k)fluoranthene       | 2,700.000     | E         | 38    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Bis(2-Chloroethoxy)methane | 3,800.000     | E         | 45    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Bis(2-Chloroethyl)ether    | 4,000.000     |           | 29    | 330 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Bis(2-ethylhexyl)phthalate | 5,700.000     | E         | 25    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Butylbenzylphthalate       | 4,600.000     | E         | 22    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Chrysene                   | 1,900.000     |           | 24    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Di-n-butylphthalate        | 5,200.000     | E         | 27    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Di-n-octyl phthalate       | 6,500.000     | E         | 48    | 330 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Dibenzo(a,h)anthracene     | 4,900.000     | E         | 26    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Diethylphthalate           | 2,600.000     |           | 33    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Fluoranthene               | 3,500.000     | E         | 19    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Fluorene                   | 4,200.000     | E         | 27    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Indeno(1,2,3-cd)pyrene     | 1,600.000     |           | 28    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | N-Nitroso-di-n-propylamine | 7,000.000     | E         | 78    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Nitrobenzene               | 4,800.000     | E         | 64    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Pentachlorophenol          | 5,700.000     | E         | 87    | 330 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Phenanthrene               | 3,800.000     | E         | 27    | 170 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Phenol                     | 2,100.000     |           | 30    | 330 | ug/Kg |
| P2934-24             | A4DK5     | Solid  | Pyrene                     | 6,000.000     | E         | 18    | 170 | ug/Kg |
| Total Svoc :         |           |        |                            | 138,400.00    |           |       |     |       |
| Total Concentration: |           |        |                            | 151,182.00    |           |       |     |       |
| Client ID : A4DK5DL  |           |        |                            |               |           |       |     |       |
| P2934-24DL           | A4DK5DL   | Solid  | Benzene, 1,3-dichloro-     | *             | 2,200.000 | JD    |     |       |
| P2934-24DL           | A4DK5DL   | Solid  | Benzene, 1,4-dichloro-     | *             | 7,600.000 | JD    |     |       |
| P2934-24DL           | A4DK5DL   | Solid  | Total Alkanes              | *             | 0.000     | D 130 | 840 | ug/Kg |
| Total Tics :         |           |        |                            | 9,800.00      |           |       |     |       |
| P2934-24DL           | A4DK5DL   | Solid  | 2,4,5-Trichlorophenol      |               | 3,900.000 | D 160 | 840 | ug/Kg |
| P2934-24DL           | A4DK5DL   | Solid  | 2,4,6-Trichlorophenol      |               | 2,700.000 | D 120 | 840 | ug/Kg |
| P2934-24DL           | A4DK5DL   | Solid  | 2,4-Dichlorophenol         |               | 5,500.000 | D 190 | 840 | ug/Kg |
| P2934-24DL           | A4DK5DL   | Solid  | 2,4-Dinitrotoluene         |               | 6,900.000 | D 170 | 840 | ug/Kg |

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID  | Client ID | Matrix | Parameter                  | Concentration | C | MDL | RDL  | Units |
|------------|-----------|--------|----------------------------|---------------|---|-----|------|-------|
| P2934-24DL | A4DK5DL   | Solid  | 2,6-Dinitrotoluene         | 3,800.000     | D | 99  | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | 2-Chlorophenol             | 1,600.000     | D | 140 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | 2-Nitrophenol              | 5,200.000     | D | 300 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | 4-Bromophenyl-phenylether  | 3,100.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | 4-Chloro-3-methylphenol    | 5,200.000     | D | 200 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | 4-Nitrophenol              | 2,800.000     | D | 220 | 1600 | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Acenaphthene               | 6,100.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Anthracene                 | 1,400.000     | D | 120 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Benzo(a)anthracene         | 2,900.000     | D | 110 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Benzo(a)pyrene             | 1,200.000     | D | 150 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Benzo(b)fluoranthene       | 1,600.000     | D | 180 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Benzo(k)fluoranthene       | 2,500.000     | D | 190 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Bis(2-Chloroethoxy)methane | 3,500.000     | D | 220 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Bis(2-Chloroethyl)ether    | 3,700.000     | D | 140 | 1600 | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Bis(2-ethylhexyl)phthalate | 6,100.000     | D | 120 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Butylbenzylphthalate       | 4,600.000     | D | 110 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Chrysene                   | 1,900.000     | D | 120 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Di-n-butylphthalate        | 6,900.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Di-n-octyl phthalate       | 7,500.000     | D | 240 | 1600 | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Dibenzo(a,h)anthracene     | 4,600.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Diethylphthalate           | 2,500.000     | D | 160 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Fluoranthene               | 3,500.000     | D | 94  | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Fluorene                   | 4,300.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Indeno(1,2,3-cd)pyrene     | 1,500.000     | D | 140 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | N-Nitroso-di-n-propylamine | 6,800.000     | D | 390 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Nitrobenzene               | 4,400.000     | D | 320 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Pentachlorophenol          | 5,100.000     | D | 440 | 1600 | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Phenanthrene               | 4,100.000     | D | 130 | 840  | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Phenol                     | 2,000.000     | D | 150 | 1600 | ug/Kg |
| P2934-24DL | A4DK5DL   | Solid  | Pyrene                     | 7,700.000     | D | 89  | 840  | ug/Kg |

**Total Svoc : 137,100.00**

**Total Concentration: 146,900.00**

Client ID : E08C7

|          |       |       |               |   |       |      |   |      |
|----------|-------|-------|---------------|---|-------|------|---|------|
| P3055-01 | E08C7 | Water | Benzothiazole | * | 6.600 | J    |   |      |
| P3055-01 | E08C7 | Water | Total Alkanes | * | 0.000 | 0.99 | 5 | ug/L |

**Total Tics : 6.60**

**Total Concentration: 6.60**

Client ID : E08C9

|          |       |       |               |   |       |   |  |  |
|----------|-------|-------|---------------|---|-------|---|--|--|
| P3055-03 | E08C9 | Water | Benzothiazole | * | 7.100 | J |  |  |
|----------|-------|-------|---------------|---|-------|---|--|--|

### Hit Summary Sheet SW-846

SDG No.: BG062724

Client:

| Sample ID            | Client ID |       | Parameter                    | Concentration | C     | MDL  | RDL | Units |
|----------------------|-----------|-------|------------------------------|---------------|-------|------|-----|-------|
| P3055-03             | E08C9     | Water | Total Alkanes                | *             | 0.000 | 0.99 | 5   | ug/L  |
| Total Tics :         |           |       |                              |               |       | 7.10 |     |       |
| Total Concentration: |           |       |                              |               |       | 7.10 |     |       |
| Client ID : E08D4    |           |       |                              |               |       |      |     |       |
| P3055-05             | E08D4     | Water | Ethanol, 2-(2-butoxyethoxy)- | *             | 5.000 | J    |     |       |
| P3055-05             | E08D4     | Water | Total Alkanes                | *             | 0.000 | 0.99 | 5   | ug/L  |
| Total Tics :         |           |       |                              |               |       | 5.00 |     |       |
| Total Concentration: |           |       |                              |               |       | 5.00 |     |       |
| Client ID : E08D7    |           |       |                              |               |       |      |     |       |
| P3055-07             | E08D7     | Water | Total Alkanes                | *             | 0.000 | 1    | 5.1 | ug/L  |
| Total Tics :         |           |       |                              |               |       | 0.00 |     |       |
| Total Concentration: |           |       |                              |               |       | 0.00 |     |       |



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 6/20/2024 : \_\_\_\_\_  
Calibration Time(s): 13:45 \_\_\_\_\_

|                            |        |                     |        |                     |        |                     |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:               |        | RRFAL1 = BG061604.D |        | RRFAL2 = BG061605.D |        | RRFAL3 = BG061606.D |       |       |
|                            |        | RRFAL4 = BG061607.D |        | RRFAL5 = BG061608.D |        | RRFAL6 = BG061609.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.751  | 0.805               | 0.685  | 0.634               | 0.565  |                     | 0.688 | 13.8  |
| Benzaldehyde               |        | 1.172               | 1.318  | 1.232               | 0.961  | 0.660               | 1.068 | 24.7  |
| Pyridine                   |        | 1.777               | 1.887  | 1.791               | 1.717  | 1.824               | 1.799 | 3.5   |
| Hexachloroethane           | 0.652  | 0.587               | 0.576  | 0.595               | 0.588  |                     | 0.599 | 5.0   |
| Nitrobenzene               | 0.366  | 0.366               | 0.385  | 0.416               | 0.424  |                     | 0.391 | 7.0   |
| Isophorone                 | 0.910  | 0.858               | 0.889  | 0.931               | 0.910  |                     | 0.900 | 3.0   |
| 2-Nitrophenol              | 0.109  | 0.122               | 0.147  | 0.164               | 0.177  |                     | 0.144 | 19.7  |
| 2,4-Dimethylphenol         | 0.381  | 0.405               | 0.405  | 0.414               | 0.406  |                     | 0.402 | 3.1   |
| Bis(2-Chloroethoxy)methane | 0.533  | 0.510               | 0.506  | 0.501               | 0.495  |                     | 0.509 | 2.9   |
| 2,4-Dichlorophenol         | 0.283  | 0.296               | 0.292  | 0.312               | 0.309  |                     | 0.298 | 4.1   |
| Naphthalene                | 1.175  | 1.121               | 1.095  | 1.132               | 1.073  |                     | 1.119 | 3.5   |
| 4-Chloroaniline            |        | 0.504               | 0.481  | 0.509               | 0.497  | 0.454               | 0.489 | 4.6   |
| Hexachlorobutadiene        | 0.208  | 0.197               | 0.212  | 0.210               | 0.204  |                     | 0.206 | 2.8   |
| Phenol                     |        | 2.176               | 2.354  | 2.314               | 2.329  | 2.250               | 2.285 | 3.1   |
| Caprolactam                |        | 0.113               | 0.125  | 0.135               | 0.130  | 0.114               | 0.123 | 7.8   |
| 4-Chloro-3-methylphenol    | 0.395  | 0.409               | 0.416  | 0.437               | 0.430  |                     | 0.417 | 4.0   |
| 1-Methylnaphthalene        | 0.860  | 0.849               | 0.823  | 0.861               | 0.821  |                     | 0.843 | 2.3   |
| 2-Methylnaphthalene        | 0.774  | 0.794               | 0.763  | 0.820               | 0.797  |                     | 0.790 | 2.8   |
| Hexachlorocyclopentadiene  |        | 0.307               | 0.317  | 0.335               | 0.339  | 0.386               | 0.337 | 9.1   |
| 2,4,6-Trichlorophenol      | 0.352  | 0.345               | 0.370  | 0.382               | 0.377  |                     | 0.365 | 4.4   |
| 2,4,5-Trichlorophenol      | 0.370  | 0.378               | 0.412  | 0.416               | 0.414  |                     | 0.398 | 5.6   |
| 1,1-Biphenyl               | 1.484  | 1.452               | 1.450  | 1.464               | 1.394  |                     | 1.449 | 2.3   |
| 2-Chloronaphthalene        | 1.116  | 1.108               | 1.111  | 1.134               | 1.095  |                     | 1.113 | 1.3   |
| 2-Nitroaniline             | 0.307  | 0.344               | 0.398  | 0.429               | 0.428  |                     | 0.381 | 14.1  |
| Bis(2-Chloroethyl)ether    |        | 1.741               | 1.769  | 1.781               | 1.664  | 1.642               | 1.720 | 3.7   |
| Dimethylphthalate          | 1.582  | 1.600               | 1.521  | 1.496               | 1.443  |                     | 1.528 | 4.2   |
| 2,6-Dinitrotoluene         | 0.211  | 0.230               | 0.251  | 0.283               | 0.293  |                     | 0.254 | 13.7  |
| Acenaphthylene             | 1.909  | 1.968               | 1.874  | 1.874               | 1.789  |                     | 1.883 | 3.5   |
| 3-Nitroaniline             |        | 0.232               | 0.261  | 0.290               | 0.267  | 0.249               | 0.260 | 8.4   |
| Acenaphthene               | 1.347  | 1.384               | 1.287  | 1.297               | 1.205  |                     | 1.304 | 5.2   |
| 2,4-Dinitrophenol          |        | 0.105               | 0.109  | 0.128               | 0.141  | 0.162               | 0.129 | 18.2  |
| 4-Nitrophenol              |        | 0.262               | 0.268  | 0.292               | 0.273  | 0.269               | 0.273 | 4.2   |
| Dibenzofuran               | 1.876  | 1.890               | 1.817  | 1.832               | 1.707  |                     | 1.825 | 3.9   |
| 2,4-Dinitrotoluene         | 0.317  | 0.351               | 0.368  | 0.423               | 0.423  |                     | 0.376 | 12.3  |
| Diethylphthalate           | 1.586  | 1.645               | 1.576  | 1.582               | 1.481  |                     | 1.574 | 3.8   |
| 2-Chlorophenol             | 1.297  | 1.547               | 1.561  | 1.556               | 1.512  |                     | 1.495 | 7.5   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024

Instrument ID: \_\_\_\_\_ Calibration Date(s): 6/20/2024 : \_\_\_\_\_

Calibration Time(s): 13:45 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BG061604.D |        | RRFAL2 = BG061605.D |        | RRFAL3 = BG061606.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BG061607.D |        | RRFAL5 = BG061608.D |        | RRFAL6 = BG061609.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.607  | 1.551               | 1.521  | 1.495               | 1.377  |                     | 1.510 | 5.6   |
| 4-Chlorophenyl-phenylether   | 0.793  | 0.779               | 0.756  | 0.738               | 0.682  |                     | 0.750 | 5.8   |
| 4-Nitroaniline               |        | 0.260               | 0.294  | 0.302               | 0.271  | 0.249               | 0.275 | 8.2   |
| 4,6-Dinitro-2-methylphenol   |        | 0.075               | 0.081  | 0.103               | 0.108  | 0.117               | 0.097 | 18.5  |
| N-Nitrosodiphenylamine       | 0.495  | 0.516               | 0.521  | 0.543               | 0.510  |                     | 0.517 | 3.4   |
| 1,2,4,5-Tetrachlorobenzene   | 0.601  | 0.553               | 0.550  | 0.564               | 0.562  |                     | 0.566 | 3.6   |
| 4-Bromophenyl-phenylether    | 0.212  | 0.208               | 0.194  | 0.213               | 0.203  |                     | 0.206 | 3.7   |
| Hexachlorobenzene            | 0.261  | 0.252               | 0.244  | 0.253               | 0.240  |                     | 0.250 | 3.3   |
| Atrazine                     |        | 0.217               | 0.207  | 0.214               | 0.199  | 0.196               | 0.207 | 4.4   |
| Pentachlorophenol            |        | 0.139               | 0.148  | 0.160               | 0.158  | 0.156               | 0.152 | 5.8   |
| 2-Methylphenol               |        | 1.523               | 1.611  | 1.676               | 1.616  | 1.567               | 1.599 | 3.6   |
| Phenanthrene                 | 1.109  | 1.089               | 1.039  | 1.060               | 0.964  |                     | 1.052 | 5.3   |
| Pentachlorobenzene           | 0.263  | 0.260               | 0.266  | 0.275               | 0.274  |                     | 0.268 | 2.5   |
| Anthracene                   | 1.129  | 1.121               | 1.075  | 1.068               | 0.986  |                     | 1.076 | 5.3   |
| 1,2,3,4-Tetrachlorobenzene   | 0.203  | 0.217               | 0.214  | 0.242               | 0.237  |                     | 0.223 | 7.4   |
| Carbazole                    |        | 0.973               | 0.948  | 0.946               | 0.883  | 0.817               | 0.914 | 6.9   |
| Di-n-butylphthalate          | 1.126  | 1.114               | 1.095  | 1.107               | 1.021  |                     | 1.093 | 3.8   |
| Fluoranthene                 | 1.332  | 1.316               | 1.263  | 1.349               | 1.221  |                     | 1.296 | 4.1   |
| Pyrene                       | 1.399  | 1.437               | 1.380  | 1.404               | 1.272  |                     | 1.378 | 4.6   |
| Butylbenzylphthalate         | 0.477  | 0.491               | 0.486  | 0.541               | 0.514  |                     | 0.502 | 5.2   |
| 3,3-Dichlorobenzidine        |        | 0.452               | 0.447  | 0.468               | 0.408  | 0.340               | 0.423 | 12.2  |
| 2,2-oxybis (1-Chloropropane) |        | 3.563               | 3.596  | 3.599               | 3.419  | 3.390               | 3.513 | 2.9   |
| Benzo (a) anthracene         | 1.449  | 1.421               | 1.376  | 1.445               | 1.328  |                     | 1.404 | 3.7   |
| Chrysene                     | 1.385  | 1.340               | 1.312  | 1.355               | 1.250  |                     | 1.328 | 3.9   |
| Bis (2-ethylhexyl) phthalate | 0.708  | 0.718               | 0.738  | 0.779               | 0.744  |                     | 0.738 | 3.7   |
| Di-n-octyl phthalate         |        | 0.996               | 1.040  | 1.106               | 1.113  | 1.018               | 1.055 | 5.0   |
| Benzo (b) fluoranthene       | 1.189  | 1.184               | 1.218  | 1.210               | 1.209  |                     | 1.202 | 1.2   |
| Benzo (k) fluoranthene       | 1.295  | 1.205               | 1.227  | 1.278               | 1.177  |                     | 1.236 | 4.0   |
| Benzo (a) pyrene             | 1.174  | 1.126               | 1.154  | 1.189               | 1.146  |                     | 1.157 | 2.1   |
| Indeno (1,2,3-cd) pyrene     | 1.424  | 1.446               | 1.400  | 1.483               | 1.459  |                     | 1.442 | 2.2   |
| Dibenzo (a,h) anthracene     | 1.187  | 1.176               | 1.166  | 1.244               | 1.224  |                     | 1.199 | 2.8   |
| Benzo (g,h,i) perylene       | 1.149  | 1.151               | 1.143  | 1.197               | 1.173  |                     | 1.163 | 1.9   |
| Acetophenone                 |        | 2.837               | 2.849  | 2.873               | 2.709  | 2.550               | 2.764 | 4.9   |
| 2,3,4,6-Tetrachlorophenol    | 0.393  | 0.385               | 0.386  | 0.402               | 0.386  |                     | 0.390 | 1.8   |
| 1,4-Dioxane-d8               | 0.505  | 0.631               | 0.579  | 0.562               | 0.491  |                     | 0.554 | 10.3  |
| Pyridine-d5                  |        | 1.591               | 1.693  | 1.695               | 1.647  | 1.743               | 1.674 | 3.4   |

All other compounds must meet a minimum RRF of 0.010.



6C

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: \_\_\_\_\_  
Lab Code: CHEM Case No.: BG062024 SAS No.: BG062024 SDG No.: BG062024  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 6/20/2024 : \_\_\_\_\_  
Calibration Time(s): 13:45 \_\_\_\_\_

|                             |        |                     |        |        |                     |        |                     |       |
|-----------------------------|--------|---------------------|--------|--------|---------------------|--------|---------------------|-------|
| LAB FILE ID:                |        | RRFAL1 = BG061604.D |        |        | RRFAL2 = BG061605.D |        | RRFAL3 = BG061606.D |       |
|                             |        | RRFAL4 = BG061607.D |        |        | RRFAL5 = BG061608.D |        | RRFAL6 = BG061609.D |       |
| COMPOUND                    | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4 | RRFAL5              | RRFAL6 | RRF                 | % RSD |
| Phenol-d5                   |        | 2.082               | 2.173  | 2.246  | 2.212               | 2.144  | 2.171               | 2.9   |
| Bis-(2-Chloroethyl)ether-d8 |        | 1.406               | 1.391  | 1.371  | 1.312               | 1.288  | 1.353               | 3.8   |
| 2-Chlorophenol-d4           | 1.414  | 1.515               | 1.463  | 1.548  | 1.510               |        | 1.490               | 3.5   |
| 4-Methylphenol-d8           |        | 1.566               | 1.691  | 1.743  | 1.716               | 1.677  | 1.678               | 4.0   |
| Nitrobenzene-d5             | 0.125  | 0.127               | 0.130  | 0.147  | 0.150               |        | 0.136               | 8.8   |
| 2-Nitrophenol-d4            | 0.115  | 0.115               | 0.138  | 0.151  | 0.168               |        | 0.138               | 16.9  |
| 2,4-Dichlorophenol-d3       | 0.309  | 0.317               | 0.315  | 0.345  | 0.343               |        | 0.326               | 5.1   |
| 4-Chloroaniline-d4          |        | 0.490               | 0.485  | 0.510  | 0.510               | 0.470  | 0.493               | 3.5   |
| 4-Methylphenol              |        | 1.703               | 1.836  | 1.857  | 1.800               | 1.759  | 1.791               | 3.4   |
| Dimethylphthalate-d6        | 1.515  | 1.558               | 1.567  | 1.571  | 1.485               |        | 1.539               | 2.4   |
| Acenaphthylene-d8           | 1.613  | 1.717               | 1.720  | 1.726  | 1.658               |        | 1.687               | 2.9   |
| 4-Nitrophenol-d4            |        | 0.253               | 0.259  | 0.280  | 0.270               | 0.259  | 0.264               | 4.1   |
| Fluorene-d10                | 1.338  | 1.399               | 1.359  | 1.366  | 1.275               |        | 1.347               | 3.4   |
| 4,6-Dinitro-2-methylphenol- |        | 0.065               | 0.070  | 0.088  | 0.098               | 0.107  | 0.086               | 20.8  |
| Anthracene-d10              | 0.929  | 0.938               | 0.908  | 0.923  | 0.867               |        | 0.913               | 3.0   |
| Pyrene-d10                  | 1.124  | 1.122               | 1.114  | 1.171  | 1.055               |        | 1.117               | 3.7   |
| Benzo(a)pyrene-d12          | 0.933  | 0.940               | 0.952  | 0.984  | 0.967               |        | 0.955               | 2.2   |
| N-Nitroso-di-n-propylamine  | 1.391  | 1.479               | 1.546  | 1.544  | 1.464               |        | 1.485               | 4.3   |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020441 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 11:39

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    | 40384               | 8.076 | 209095              | 10.89  | 156039              | 14.70  |
|    | UPPER LIMIT    | 80768               | 8.576 | 418190              | 11.391 | 312078              | 15.204 |
|    | LOWER LIMIT    | 20192               | 7.576 | 104547.5            | 10.391 | 78019.5             | 14.204 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK760        | 65767               | 8.06  | 310715              | 10.87  | 210020              | 14.69  |
| 02 | A4DK5          | 67942               | 8.06  | 317143              | 10.87  | 209491              | 14.69  |
| 03 | A4DK5DL        | 76809               | 8.06  | 362294              | 10.87  | 237318              | 14.69  |
| 04 | A4B57          | 58544               | 8.05  | 289067              | 10.87  | 191613              | 14.69  |
| 05 | A4B73          | 58162               | 8.06  | 273273              | 10.87  | 184193              | 14.69  |
| 06 | SBLK760        | 79475               | 8.06  | 348507              | 10.87  | 232336              | 14.69  |
| 07 | SBLK561        | 73173               | 8.06  | 343146              | 10.87  | 231734              | 14.69  |
| 08 | A4B56          | 62282               | 8.06  | 292605              | 10.87  | 193021              | 14.69  |
| 09 | E08C7          | 72866               | 8.06  | 350592              | 10.87  | 241547              | 14.69  |
| 10 | E08C9          | 66338               | 8.05  | 338578              | 10.87  | 224517              | 14.69  |
| 11 | E08D4          | 60818               | 8.06  | 296348              | 10.87  | 194052              | 14.69  |
| 12 | E08D7          | 68392               | 8.06  | 309448              | 10.87  | 211238              | 14.69  |
| 13 | E1G85          | 69936               | 8.06  | 328052              | 10.87  | 222066              | 14.68  |
| 14 | E1GC3          | 65993               | 8.05  | 311622              | 10.87  | 200922              | 14.69  |
| 15 | E1GC4          | 61342               | 8.06  | 291604              | 10.87  | 197803              | 14.68  |
| 16 | E1GD7          | 58115               | 8.06  | 292132              | 10.86  | 194107              | 14.68  |
| 17 | E1GD8          | 59649               | 8.06  | 277989              | 10.87  | 185834              | 14.69  |
| 18 | C0AB5          | 70235               | 8.05  | 330589              | 10.87  | 217884              | 14.68  |
| 19 | SLCS760        | 67723               | 8.06  | 335944              | 10.87  | 224407              | 14.68  |
| 20 | SLCS561        | 72996               | 8.05  | 351092              | 10.87  | 236256              | 14.68  |
| 21 | SBLK559        | 61944               | 8.06  | 294960              | 10.87  | 202011              | 14.68  |
| 22 | SBLK805        | 80854 *             | 8.05  | 400676              | 10.87  | 264088              | 14.68  |
| 23 | C0AB4          | 87805 *             | 8.06  | 422165 *            | 10.86  | 268419              | 14.68  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020441 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 06:33

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    | 40384               | 8.076 | 209095              | 10.89  | 156039              | 14.70  |
| UPPER LIMIT    | 80768               | 8.576 | 418190              | 11.391 | 312078              | 15.204 |
| LOWER LIMIT    | 20192               | 7.576 | 104547.5            | 10.391 | 78019.5             | 14.204 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 24 E1GB1       | 70160               | 8.06  | 335393              | 10.87  | 213276              | 14.68  |
| 25 E1GB1MS     | 72296               | 8.06  | 347051              | 10.87  | 227800              | 14.68  |
| 26 E1GB1MSD    | 74329               | 8.06  | 348389              | 10.87  | 230706              | 14.68  |
| 27 SLCS805     | 78205               | 8.06  | 376198              | 10.86  | 256334              | 14.68  |
| 28 SLCS559     | 73909               | 8.06  | 346133              | 10.87  | 236367              | 14.68  |
| 29 C0AA1       | 75729               | 8.06  | 361939              | 10.87  | 246136              | 14.68  |
| 30 A4B58       | 77019               | 8.05  | 375106              | 10.87  | 241902              | 14.68  |
| 31 A4CQ0       | 85135 *             | 8.06  | 384057              | 10.86  | 241674              | 14.68  |
| 32 SLCS583     | 66918               | 8.06  | 311659              | 10.87  | 201537              | 14.69  |
| 33 A4B59       | 82836 *             | 8.06  | 390963              | 10.87  | 244391              | 14.69  |
| 34 A4CQ3       | 73121               | 8.06  | 334096              | 10.87  | 212979              | 14.69  |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020540 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061735.D Time Analyzed: 11:39

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    | 66667               | 8.059 | 311353              | 10.87  | 209760              | 14.69  |
| UPPER LIMIT    | 133334              | 8.559 | 622706              | 11.368 | 419520              | 15.187 |
| LOWER LIMIT    | 33333.5             | 7.559 | 155676.5            | 10.368 | 104880              | 14.187 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK760     | 65767               | 8.06  | 310715              | 10.87  | 210020              | 14.69  |
| 02 A4DK5       | 67942               | 8.06  | 317143              | 10.87  | 209491              | 14.69  |
| 03 A4DK5DL     | 76809               | 8.06  | 362294              | 10.87  | 237318              | 14.69  |
| 04 A4B57       | 58544               | 8.05  | 289067              | 10.87  | 191613              | 14.69  |
| 05 A4B73       | 58162               | 8.06  | 273273              | 10.87  | 184193              | 14.69  |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020541 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061741.D Time Analyzed: 17:00

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    | 73206               | 8.059 | 345853              | 10.87  | 234028              | 14.69  |
| UPPER LIMIT    | 146412              | 8.559 | 691706              | 11.367 | 468056              | 15.186 |
| LOWER LIMIT    | 36603               | 7.559 | 172926.5            | 10.367 | 117014              | 14.186 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK760     | 79475               | 8.06  | 348507              | 10.87  | 232336              | 14.69  |
| 02 SBLK561     | 73173               | 8.06  | 343146              | 10.87  | 231734              | 14.69  |
| 03 A4B56       | 62282               | 8.06  | 292605              | 10.87  | 193021              | 14.69  |
| 04 E08C7       | 72866               | 8.06  | 350592              | 10.87  | 241547              | 14.69  |
| 05 E08C9       | 66338               | 8.05  | 338578              | 10.87  | 224517              | 14.69  |
| 06 E08D4       | 60818               | 8.06  | 296348              | 10.87  | 194052              | 14.69  |
| 07 E08D7       | 68392               | 8.06  | 309448              | 10.87  | 211238              | 14.69  |
| 08 E1G85       | 69936               | 8.06  | 328052              | 10.87  | 222066              | 14.68  |
| 09 E1GC3       | 65993               | 8.05  | 311622              | 10.87  | 200922              | 14.69  |
| 10 E1GC4       | 61342               | 8.06  | 291604              | 10.87  | 197803              | 14.68  |
| 11 E1GD7       | 58115               | 8.06  | 292132              | 10.86  | 194107              | 14.68  |
| 12 E1GD8       | 59649               | 8.06  | 277989              | 10.87  | 185834              | 14.69  |
| 13 C0AB5       | 70235               | 8.05  | 330589              | 10.87  | 217884              | 14.68  |
| 14 SLCS760     | 67723               | 8.06  | 335944              | 10.87  | 224407              | 14.68  |
| 15 SLCS561     | 72996               | 8.05  | 351092              | 10.87  | 236256              | 14.68  |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020542 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BG061757.D Time Analyzed: 04:32

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    | 86558               | 8.056 | 396078              | 10.87  | 261421              | 14.68  |
| UPPER LIMIT    | 173116              | 8.556 | 792156              | 11.365 | 522842              | 15.184 |
| LOWER LIMIT    | 43279               | 7.556 | 198039              | 10.365 | 130710.5            | 14.184 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK559     | 61944               | 8.06  | 294960              | 10.87  | 202011              | 14.68  |
| 02 SBLK805     | 80854               | 8.05  | 400676              | 10.87  | 264088              | 14.68  |
| 03 C0AB4       | 87805               | 8.06  | 422165              | 10.86  | 268419              | 14.68  |
| 04 E1GB1       | 70160               | 8.06  | 335393              | 10.87  | 213276              | 14.68  |
| 05 E1GB1MS     | 72296               | 8.06  | 347051              | 10.87  | 227800              | 14.68  |
| 06 E1GB1MSD    | 74329               | 8.06  | 348389              | 10.87  | 230706              | 14.68  |
| 07 SLCS805     | 78205               | 8.06  | 376198              | 10.86  | 256334              | 14.68  |
| 08 SLCS559     | 73909               | 8.06  | 346133              | 10.87  | 236367              | 14.68  |
| 09 C0AA1       | 75729               | 8.06  | 361939              | 10.87  | 246136              | 14.68  |
| 10 A4B58       | 77019               | 8.05  | 375106              | 10.87  | 241902              | 14.68  |
| 11 A4CQ0       | 85135               | 8.06  | 384057              | 10.86  | 241674              | 14.68  |
| 12 SLCS583     | 66918               | 8.06  | 311659              | 10.87  | 201537              | 14.69  |
| 13 A4B59       | 82836               | 8.06  | 390963              | 10.87  | 244391              | 14.69  |
| 14 A4CQ3       | 73121               | 8.06  | 334096              | 10.87  | 212979              | 14.69  |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020441 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 11:39

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    | 398475              | 17.442 | 379358              | 21.713 | 440710              | 24.939 |
|    | UPPER LIMIT    | 796950              | 17.942 | 758716              | 22.213 | 881420              | 25.439 |
|    | LOWER LIMIT    | 199237.5            | 16.942 | 189679              | 21.213 | 220355              | 24.439 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK760        | 505439              | 17.43  | 450883              | 21.69  | 490504              | 24.92  |
| 02 | A4DK5          | 494962              | 17.44  | 381713              | 21.70  | 436175              | 24.92  |
| 03 | A4DK5DL        | 577476              | 17.43  | 482679              | 21.70  | 534374              | 24.91  |
| 04 | A4B57          | 454167              | 17.43  | 368374              | 21.69  | 408685              | 24.91  |
| 05 | A4B73          | 440279              | 17.43  | 365310              | 21.69  | 399539              | 24.91  |
| 06 | SBLK760        | 558884              | 17.43  | 484022              | 21.69  | 527087              | 24.90  |
| 07 | SBLK561        | 547877              | 17.43  | 489737              | 21.69  | 541372              | 24.90  |
| 08 | A4B56          | 458757              | 17.43  | 374942              | 21.69  | 419266              | 24.91  |
| 09 | E08C7          | 567397              | 17.43  | 466450              | 21.69  | 525993              | 24.90  |
| 10 | E08C9          | 523314              | 17.43  | 424668              | 21.69  | 484774              | 24.91  |
| 11 | E08D4          | 462684              | 17.42  | 398564              | 21.69  | 432942              | 24.90  |
| 12 | E08D7          | 489930              | 17.42  | 398865              | 21.69  | 439538              | 24.90  |
| 13 | E1G85          | 535811              | 17.43  | 448505              | 21.69  | 487692              | 24.90  |
| 14 | E1GC3          | 498521              | 17.43  | 426660              | 21.69  | 469720              | 24.90  |
| 15 | E1GC4          | 475551              | 17.43  | 406897              | 21.69  | 445192              | 24.90  |
| 16 | E1GD7          | 461826              | 17.43  | 386192              | 21.69  | 427145              | 24.90  |
| 17 | E1GD8          | 442425              | 17.42  | 374668              | 21.69  | 419457              | 24.90  |
| 18 | C0AB5          | 466127              | 17.42  | 336695              | 21.69  | 397279              | 24.92  |
| 19 | SLCS760        | 530780              | 17.43  | 397732              | 21.69  | 448267              | 24.90  |
| 20 | SLCS561        | 556140              | 17.43  | 442362              | 21.69  | 495094              | 24.90  |
| 21 | SBLK559        | 464367              | 17.43  | 379295              | 21.69  | 421772              | 24.90  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020441 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BG061606.D Time Analyzed: 05:12

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    | 398475              | 17.442 | 379358              | 21.713 | 440710              | 24.939 |
| UPPER LIMIT    | 796950              | 17.942 | 758716              | 22.213 | 881420              | 25.439 |
| LOWER LIMIT    | 199237.5            | 16.942 | 189679              | 21.213 | 220355              | 24.439 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 SBLK805     | 628627              | 17.42  | 525643              | 21.68  | 583041              | 24.90  |
| 23 C0AB4       | 577273              | 17.43  | 446016              | 21.69  | 510930              | 24.90  |
| 24 E1GB1       | 485637              | 17.43  | 375850              | 21.68  | 434698              | 24.89  |
| 25 E1GB1MS     | 527415              | 17.42  | 402356              | 21.69  | 464529              | 24.90  |
| 26 E1GB1MSD    | 527260              | 17.43  | 405616              | 21.69  | 462553              | 24.91  |
| 27 SLCS805     | 581232              | 17.43  | 455501              | 21.69  | 509155              | 24.91  |
| 28 SLCS559     | 544805              | 17.43  | 420646              | 21.69  | 474911              | 24.91  |
| 29 C0AA1       | 564145              | 17.43  | 458895              | 21.69  | 520411              | 24.90  |
| 30 A4B58       | 546092              | 17.43  | 432925              | 21.69  | 488449              | 24.90  |
| 31 A4CQ0       | 493140              | 17.43  | 365884              | 21.69  | 422250              | 24.92  |
| 32 SLCS583     | 437374              | 17.43  | 336466              | 21.69  | 387644              | 24.91  |
| 33 A4B59       | 511788              | 17.43  | 390719              | 21.69  | 451387              | 24.90  |
| 34 A4CQ3       | 456553              | 17.43  | 340412              | 21.69  | 398377              | 24.91  |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020540 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061735.D Time Analyzed: 11:39

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    | 512411              | 17.431 | 464642              | 21.69 | 493851              | 24.91 |
| UPPER LIMIT    | 1024822             | 17.931 | 929284              | 22.19 | 987702              | 25.41 |
| LOWER LIMIT    | 256205.5            | 16.931 | 232321              | 21.19 | 246925.5            | 24.41 |
| EPA SAMPLE NO. |                     |        |                     |       |                     |       |
| 01 SBLK760     | 505439              | 17.43  | 450883              | 21.69 | 490504              | 24.92 |
| 02 A4DK5       | 494962              | 17.44  | 381713              | 21.70 | 436175              | 24.92 |
| 03 A4DK5DL     | 577476              | 17.43  | 482679              | 21.70 | 534374              | 24.91 |
| 04 A4B57       | 454167              | 17.43  | 368374              | 21.69 | 408685              | 24.91 |
| 05 A4B73       | 440279              | 17.43  | 365310              | 21.69 | 399539              | 24.91 |

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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020541 Date Analyzed: Jun 27 2024 12:00AM

Lab File ID: BG061741.D Time Analyzed: 17:00

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    | 551625              | 17.43 | 463852              | 21.69€ | 514130              | 24.909 |
|    | UPPER LIMIT    | 1103250             | 17.93 | 927704              | 22.19€ | 1028260             | 25.409 |
|    | LOWER LIMIT    | 275812.5            | 16.93 | 231926              | 21.19€ | 257065              | 24.409 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK760        | 558884              | 17.43 | 484022              | 21.69  | 527087              | 24.90  |
| 02 | SBLK561        | 547877              | 17.43 | 489737              | 21.69  | 541372              | 24.90  |
| 03 | A4B56          | 458757              | 17.43 | 374942              | 21.69  | 419266              | 24.91  |
| 04 | E08C7          | 567397              | 17.43 | 466450              | 21.69  | 525993              | 24.90  |
| 05 | E08C9          | 523314              | 17.43 | 424668              | 21.69  | 484774              | 24.91  |
| 06 | E08D4          | 462684              | 17.42 | 398564              | 21.69  | 432942              | 24.90  |
| 07 | E08D7          | 489930              | 17.42 | 398865              | 21.69  | 439538              | 24.90  |
| 08 | E1G85          | 535811              | 17.43 | 448505              | 21.69  | 487692              | 24.90  |
| 09 | E1GC3          | 498521              | 17.43 | 426660              | 21.69  | 469720              | 24.90  |
| 10 | E1GC4          | 475551              | 17.43 | 406897              | 21.69  | 445192              | 24.90  |
| 11 | E1GD7          | 461826              | 17.43 | 386192              | 21.69  | 427145              | 24.90  |
| 12 | E1GD8          | 442425              | 17.42 | 374668              | 21.69  | 419457              | 24.90  |
| 13 | C0AB5          | 466127              | 17.42 | 336695              | 21.69  | 397279              | 24.92  |
| 14 | SLCS760        | 530780              | 17.43 | 397732              | 21.69  | 448267              | 24.90  |
| 15 | SLCS561        | 556140              | 17.43 | 442362              | 21.69  | 495094              | 24.90  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020541 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BG061741.D Time Analyzed: 02:31

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    | 551625              | 17.43 | 463852              | 21.69€ | 514130              | 24.909 |
| UPPER LIMIT    | 1103250             | 17.93 | 927704              | 22.19€ | 1028260             | 25.409 |
| LOWER LIMIT    | 275812.5            | 16.93 | 231926              | 21.19€ | 257065              | 24.409 |
| 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.: BG062724 SAS No.: BG062724 SDG NO.: BG062724

EPA Sample No.: SSTD020542 Date Analyzed: Jun 28 2024 12:00AM

Lab File ID: BG061757.D Time Analyzed: 04:32

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    | 620990              | 17.428 | 500551              | 21.687 | 553494              | 24.901 |
|    | UPPER LIMIT    | 1241980             | 17.928 | 1001102             | 22.187 | 1106988             | 25.401 |
|    | LOWER LIMIT    | 310495              | 16.928 | 250275.5            | 21.187 | 276747              | 24.401 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK559        | 464367              | 17.43  | 379295              | 21.69  | 421772              | 24.90  |
| 02 | SBLK805        | 628627              | 17.42  | 525643              | 21.68  | 583041              | 24.90  |
| 03 | C0AB4          | 577273              | 17.43  | 446016              | 21.69  | 510930              | 24.90  |
| 04 | E1GB1          | 485637              | 17.43  | 375850              | 21.68  | 434698              | 24.89  |
| 05 | E1GB1MS        | 527415              | 17.42  | 402356              | 21.69  | 464529              | 24.90  |
| 06 | E1GB1MSD       | 527260              | 17.43  | 405616              | 21.69  | 462553              | 24.91  |
| 07 | SLCS805        | 581232              | 17.43  | 455501              | 21.69  | 509155              | 24.91  |
| 08 | SLCS559        | 544805              | 17.43  | 420646              | 21.69  | 474911              | 24.91  |
| 09 | C0AA1          | 564145              | 17.43  | 458895              | 21.69  | 520411              | 24.90  |
| 10 | A4B58          | 546092              | 17.43  | 432925              | 21.69  | 488449              | 24.90  |
| 11 | A4CQ0          | 493140              | 17.43  | 365884              | 21.69  | 422250              | 24.92  |
| 12 | SLCS583        | 437374              | 17.43  | 336466              | 21.69  | 387644              | 24.91  |
| 13 | A4B59          | 511788              | 17.43  | 390719              | 21.69  | 451387              | 24.90  |
| 14 | A4CQ3          | 456553              | 17.43  | 340412              | 21.69  | 398377              | 24.91  |

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.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB161559BS    | 1,4-Dioxane                 | 16    | 11     | ug/L | 69  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 42     | ug/L | 105 |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB161559BS    | 4,6-Dinitro-2-methylphenol | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 10     | ug/L | 25  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 40     | ug/L | 100 |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 44     | ug/L | 110 |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 43     | ug/L | 108 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB161561BS    | 1,4-Dioxane                 | 16    | 10     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 40    | 40     | ug/L | 100 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 40    | 40     | ug/L | 100 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB161561BS    | 4,6-Dinitro-2-methylphenol | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 11     | ug/L | 28  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 43     | ug/L | 108 |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 34     | ug/L | 85  |     |      |      | 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.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB161583BS    | 1,4-Dioxane                 | 530   | 350    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 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  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 1000   | ug/Kg | 77  |     |      |      | 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  | 680    | ug/Kg | 52  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1300   | ug/Kg | 100 |     |      |      | 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  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB161583BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 700    | ug/Kg | 54  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1500   | ug/Kg | 115 |     |      |      | 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  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1300   | ug/Kg | 100 |     |      |      | 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.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB161760BS    | 1,4-Dioxane                 | 16    | 11     | ug/L | 69  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 31     | ug/L | 78  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 33     | ug/L | 83  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 34     | ug/L | 85  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 36     | ug/L | 90  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 44     | ug/L | 110 |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 45     | ug/L | 113 |     |      |      | 0      | 0    |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB161760BS    | 4,6-Dinitro-2-methylphenol | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 40     | ug/L | 100 |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 13     | ug/L | 33  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 36     | ug/L | 90  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 47     | ug/L | 117 |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 44     | ug/L | 110 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 47     | ug/L | 117 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB161805BS    | 1,4-Dioxane                 | 530   | 350    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 1300  | 1000   | ug/Kg | 77  |     |      |      | 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  | 1000   | ug/Kg | 77  |     |      |      | 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  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 1300  | 850    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 1300  | 840    | ug/Kg | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB161805BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 620    | ug/Kg | 48  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1400   | ug/Kg | 108 |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK559

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061758.D

Lab Sample ID: PB161559BL

Instrument ID: BNA\_G

Date Extracted: 06/18/2024

Matrix: (soil/water) Water

Date Analyzed: 06/28/2024

Level: (low/med) LOW

Time Analyzed: 04:32

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 |
|-------------------|------------------|----------------|------------------|
| E1GB1             | P2898-08         | BG061761.D     | 06/28/2024       |
| E1GB1MS           | P2898-09MS       | BG061762.D     | 06/28/2024       |
| E1GB1MSD          | P2898-10MSD      | BG061763.D     | 06/28/2024       |
| PB161559BS        | PB161559BS       | BG061765.D     | 06/28/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK561

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061743.D

Lab Sample ID: PB161561BL

Instrument ID: BNA\_G

Date Extracted: 06/18/2024

Matrix: (soil/water) Water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 17:42

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 |
|-------------------|------------------|----------------|------------------|
| PB161561BS        | PB161561BS       | BG061756.D     | 06/28/2024       |
| E1G85             | P2898-07         | BG061749.D     | 06/27/2024       |
| E1GC3             | P2898-12         | BG061750.D     | 06/27/2024       |
| E1GC4             | P2898-13         | BG061751.D     | 06/27/2024       |
| E1GD7             | P2898-14         | BG061752.D     | 06/27/2024       |
| E1GD8             | P2898-15         | BG061753.D     | 06/28/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

C0AA1

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061766.D

Lab Sample ID: P2899-19

Instrument ID: BNA\_G

Date Extracted: 06/18/2024

Matrix: (soil/water) Water

Date Analyzed: 06/28/2024

Level: (low/med) LOW

Time Analyzed: 09:54

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 |
|-------------------|------------------|----------------|------------------|
| C0AA1             | P2899-19         | BG061766.D     | 06/28/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4B58

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061767.D

Lab Sample ID: P2934-01

Instrument ID: BNA\_G

Date Extracted: 06/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/28/2024

Level: (low/med) LOW

Time Analyzed: 11:28

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 |
|-------------------|------------------|----------------|------------------|
| A4B58             | P2934-01         | BG061767.D     | 06/28/2024       |
| A4CQ0             | P2934-14         | BG061768.D     | 06/28/2024       |
| PB161583BS        | PB161583BS       | BG061769.D     | 06/28/2024       |
| A4B59             | P2934-02         | BG061770.D     | 06/28/2024       |
| A4CQ3             | P2934-17         | BG061771.D     | 06/28/2024       |
| A4B56             | P2934-20         | BG061744.D     | 06/27/2024       |
| A4DK5             | P2934-24         | BG061737.D     | 06/27/2024       |
| A4B57             | P2934-21         | BG061739.D     | 06/27/2024       |
| A4B73             | P2934-22         | BG061740.D     | 06/27/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK760

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061742.D

Lab Sample ID: PB161760BL

Instrument ID: BNA\_G

Date Extracted: 06/26/2024

Matrix: (soil/water) Water

Date Analyzed: 06/27/2024

Level: (low/med) LOW

Time Analyzed: 17:00

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 |
|-------------------|------------------|----------------|------------------|
| E08C7             | P3055-01         | BG061745.D     | 06/27/2024       |
| E08C9             | P3055-03         | BG061746.D     | 06/27/2024       |
| E08D4             | P3055-05         | BG061747.D     | 06/27/2024       |
| E08D7             | P3055-07         | BG061748.D     | 06/27/2024       |
| PB161760BS        | PB161760BS       | BG061755.D     | 06/28/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK805

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG062724

SAS No.: BG062724 SDG NO.: BG062724

Lab File ID: BG061759.D

Lab Sample ID: PB161805BL

Instrument ID: BNA\_G

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/28/2024

Level: (low/med) LOW

Time Analyzed: 05:12

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 |
|-------------------|------------------|----------------|------------------|
| PB161805BS        | PB161805BS       | BG061764.D     | 06/28/2024       |
| C0AB4             | P2899-12         | BG061760.D     | 06/28/2024       |
| C0AB5             | P2899-13         | BG061754.D     | 06/28/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG062724

**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>P2898-09MS</b> | <b>Client Sample ID:</b> | <b>E1GB1MS</b> |       |     |          | <b>DataFile:</b> | <b>BG061762.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                |                          | 6.1            | ug/L  | 38  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 40                |                          | 32             | ug/L  | 80  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 40                |                          | 13             | ug/L  | 33  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 40                |                          | 10             | ug/L  | 25  |          |                  |                   | 12  | 110         |     |
| Bis(2-chloroethyl)ether     | 40                |                          | 40             | ug/L  | 100 |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 40                |                          | 35             | ug/L  | 88  |          |                  |                   | 27  | 123         |     |
| 2-Methylphenol              | 40                |                          | 26             | ug/L  | 65  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 40                |                          | 43             | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 40                |                          | 41             | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 40                |                          | 22             | ug/L  | 55  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 40                |                          | 40             | ug/L  | 100 |          |                  |                   | 41  | 116         |     |
| Hexachloroethane            | 40                |                          | 38             | ug/L  | 95  |          |                  |                   | 0   | 0           |     |
| Nitrobenzene                | 40                |                          | 48             | ug/L  | 120 |          |                  |                   | 0   | 0           |     |
| Isophorone                  | 40                |                          | 41             | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| 2-Nitrophenol               | 40                |                          | 51             | ug/L  | 128 |          |                  |                   | 0   | 0           |     |
| 2,4-Dimethylphenol          | 40                |                          | 27             | ug/L  | 68  |          |                  |                   | 0   | 0           |     |
| Bis(2-chloroethoxy)methane  | 40                |                          | 41             | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| 2,4-Dichlorophenol          | 40                |                          | 41             | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| Naphthalene                 | 40                |                          | 40             | ug/L  | 100 |          |                  |                   | 0   | 0           |     |
| 4-Chloroaniline             | 40                |                          | 32             | ug/L  | 80  |          |                  |                   | 0   | 0           |     |
| Hexachlorobutadiene         | 40                |                          | 44             | ug/L  | 110 |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 40                |                          | 5.9            | ug/L  | 15  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 40                |                          | 34             | ug/L  | 85  |          |                  |                   | 23  | 97          |     |
| 1-Methylnaphthalene         | 40                |                          | 40             | ug/L  | 100 |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 40                |                          | 41             | ug/L  | 103 |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 40                |                          | 28             | ug/L  | 70  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 40                |                          | 49             | ug/L  | 123 |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 40                |                          | 48             | ug/L  | 120 |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 40                |                          | 46             | ug/L  | 115 |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 40                |                          | 45             | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 40                |                          | 59             | ug/L  | 148 |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 40                |                          | 45             | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 40                |                          | 59             | ug/L  | 148 |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 40                |                          | 43             | ug/L  | 108 |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 40                |                          | 55             | ug/L  | 138 |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 40                |                          | 43             | ug/L  | 108 |          |                  |                   | 46  | 118         |     |
| 2,4-Dinitrophenol           | 40                |                          | 47             | ug/L  | 117 |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 40                |                          | 12             | ug/L  | 30  |          |                  |                   | 10  | 80          |     |
| Dibenzofuran                | 40                |                          | 44             | ug/L  | 110 |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 40                |                          | 59             | ug/L  | 148 |          | *                |                   | 24  | 96          |     |
| Diethylphthalate            | 40                |                          | 46             | ug/L  | 115 |          |                  |                   | 0   | 0           |     |
| Fluorene                    | 40                |                          | 45             | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 4-Chlorophenyl-phenylether  | 40                |                          | 45             | ug/L  | 113 |          |                  |                   | 0   | 0           |     |
| 4-Nitroaniline              | 40                |                          | 55             | ug/L  | 138 |          |                  |                   | 0   | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 40                |                          | 51             | ug/L  | 128 |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 40                |                          | 49             | ug/L  | 123 |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG062724

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |               | 49     | ug/L  | 123 |          |     |          | 0   | 0           |     |
| 4-Bromophenyl-phenylether  | 40    |               | 50     | ug/L  | 125 |          |     |          | 0   | 0           |     |
| Hexachlorobenzene          | 40    |               | 48     | ug/L  | 120 |          |     |          | 0   | 0           |     |
| Atrazine                   | 40    |               | 38     | ug/L  | 95  |          |     |          | 0   | 0           |     |
| Pentachlorophenol          | 40    |               | 46     | ug/L  | 115 | *        |     |          | 9   | 103         |     |
| Phenanthrene               | 40    |               | 46     | ug/L  | 115 |          |     |          | 0   | 0           |     |
| Pentachlorobenzene         | 40    |               | 44     | ug/L  | 110 |          |     |          | 0   | 0           |     |
| Anthracene                 | 40    |               | 46     | ug/L  | 115 |          |     |          | 0   | 0           |     |
| 1,2,3,4-Tetrachlorobenzene | 40    |               | 56     | ug/L  | 140 |          |     |          | 0   | 0           |     |
| Carbazole                  | 40    |               | 49     | ug/L  | 123 |          |     |          | 0   | 0           |     |
| Di-n-butylphthalate        | 40    |               | 51     | ug/L  | 128 |          |     |          | 0   | 0           |     |
| Fluoranthene               | 40    |               | 56     | ug/L  | 140 |          |     |          | 0   | 0           |     |
| Pyrene                     | 40    |               | 54     | ug/L  | 135 | *        |     |          | 26  | 127         |     |
| Butylbenzylphthalate       | 40    |               | 61     | ug/L  | 153 |          |     |          | 0   | 0           |     |
| 3,3'-Dichlorobenzidine     | 40    |               | 45     | ug/L  | 113 |          |     |          | 0   | 0           |     |
| Benzo(a)anthracene         | 40    |               | 49     | ug/L  | 123 |          |     |          | 0   | 0           |     |
| Chrysene                   | 40    |               | 48     | ug/L  | 120 |          |     |          | 0   | 0           |     |
| Bis(2-ethylhexyl)phthalate | 40    |               | 58     | ug/L  | 145 |          |     |          | 0   | 0           |     |
| Di-n-octylphthalate        | 40    |               | 59     | ug/L  | 148 |          |     |          | 0   | 0           |     |
| Benzo(b)fluoranthene       | 40    |               | 49     | ug/L  | 123 |          |     |          | 0   | 0           |     |
| Benzo(k)fluoranthene       | 40    |               | 47     | ug/L  | 117 |          |     |          | 0   | 0           |     |
| Benzo(a)pyrene             | 40    |               | 43     | ug/L  | 108 |          |     |          | 0   | 0           |     |
| Indeno(1,2,3-cd)pyrene     | 40    |               | 50     | ug/L  | 125 |          |     |          | 0   | 0           |     |
| Dibenzo(a,h)anthracene     | 40    |               | 49     | ug/L  | 123 |          |     |          | 0   | 0           |     |
| Benzo(g,h,i)perylene       | 40    |               | 48     | ug/L  | 120 |          |     |          | 0   | 0           |     |
| 2,3,4,6-Tetrachlorophenol  | 40    |               | 47     | ug/L  | 117 |          |     |          | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG062724

**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>P2898-10MSD</b> | <b>Client Sample ID:</b> | <b>E1GB1MSD</b> |       |     |          | <b>DataFile:</b> | <b>BG061763.D</b> |     |             |     |
| 1,4-Dioxane                 | 16                 |                          | 5.6             | ug/L  | 35  |          | 8                |                   | 15  | 120         | 50  |
| Benzaldehyde                | 40                 |                          | 30              | ug/L  | 75  |          | 6                | *                 | 0   | 0           | 0   |
| Pyridine                    | 40                 |                          | 12              | ug/L  | 30  |          | 10               | *                 | 0   | 0           | 0   |
| Phenol                      | 40                 |                          | 9.6             | ug/L  | 24  |          | 4                |                   | 12  | 110         | 42  |
| Bis(2-chloroethyl)ether     | 40                 |                          | 37              | ug/L  | 93  |          | 7                | *                 | 0   | 0           | 0   |
| 2-Chlorophenol              | 40                 |                          | 33              | ug/L  | 83  |          | 6                |                   | 27  | 123         | 40  |
| 2-Methylphenol              | 40                 |                          | 24              | ug/L  | 60  |          | 8                | *                 | 0   | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 40                 |                          | 40              | ug/L  | 100 |          | 8                | *                 | 0   | 0           | 0   |
| Acetophenone                | 40                 |                          | 38              | ug/L  | 95  |          | 8                | *                 | 0   | 0           | 0   |
| 4-Methylphenol              | 40                 |                          | 21              | ug/L  | 52  |          | 6                | *                 | 0   | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 40                 |                          | 39              | ug/L  | 98  |          | 2                |                   | 41  | 116         | 38  |
| Hexachloroethane            | 40                 |                          | 37              | ug/L  | 93  |          | 2                | *                 | 0   | 0           | 0   |
| Nitrobenzene                | 40                 |                          | 47              | ug/L  | 117 |          | 3                | *                 | 0   | 0           | 0   |
| Isophorone                  | 40                 |                          | 39              | ug/L  | 98  |          | 5                | *                 | 0   | 0           | 0   |
| 2-Nitrophenol               | 40                 |                          | 50              | ug/L  | 125 |          | 2                | *                 | 0   | 0           | 0   |
| 2,4-Dimethylphenol          | 40                 |                          | 26              | ug/L  | 65  |          | 5                | *                 | 0   | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 40                 |                          | 40              | ug/L  | 100 |          | 3                | *                 | 0   | 0           | 0   |
| 2,4-Dichlorophenol          | 40                 |                          | 40              | ug/L  | 100 |          | 3                | *                 | 0   | 0           | 0   |
| Naphthalene                 | 40                 |                          | 39              | ug/L  | 98  |          | 2                | *                 | 0   | 0           | 0   |
| 4-Chloroaniline             | 40                 |                          | 30              | ug/L  | 75  |          | 6                | *                 | 0   | 0           | 0   |
| Hexachlorobutadiene         | 40                 |                          | 42              | ug/L  | 105 |          | 5                | *                 | 0   | 0           | 0   |
| Caprolactam                 | 40                 |                          | 5.7             | ug/L  | 14  |          | 7                | *                 | 0   | 0           | 0   |
| 4-Chloro-3-methylphenol     | 40                 |                          | 33              | ug/L  | 83  |          | 2                |                   | 23  | 97          | 42  |
| 1-Methylnaphthalene         | 40                 |                          | 38              | ug/L  | 95  |          | 5                | *                 | 0   | 0           | 0   |
| 2-Methylnaphthalene         | 40                 |                          | 39              | ug/L  | 98  |          | 5                | *                 | 0   | 0           | 0   |
| Hexachlorocyclopentadiene   | 40                 |                          | 27              | ug/L  | 68  |          | 3                | *                 | 0   | 0           | 0   |
| 2,4,6-Trichlorophenol       | 40                 |                          | 46              | ug/L  | 115 |          | 7                | *                 | 0   | 0           | 0   |
| 2,4,5-Trichlorophenol       | 40                 |                          | 46              | ug/L  | 115 |          | 4                | *                 | 0   | 0           | 0   |
| 1,1'-Biphenyl               | 40                 |                          | 45              | ug/L  | 113 |          | 2                | *                 | 0   | 0           | 0   |
| 2-Chloronaphthalene         | 40                 |                          | 44              | ug/L  | 110 |          | 3                | *                 | 0   | 0           | 0   |
| 2-Nitroaniline              | 40                 |                          | 56              | ug/L  | 140 |          | 6                | *                 | 0   | 0           | 0   |
| Dimethylphthalate           | 40                 |                          | 42              | ug/L  | 105 |          | 7                | *                 | 0   | 0           | 0   |
| 2,6-Dinitrotoluene          | 40                 |                          | 55              | ug/L  | 138 |          | 7                | *                 | 0   | 0           | 0   |
| Acenaphthylene              | 40                 |                          | 41              | ug/L  | 103 |          | 5                | *                 | 0   | 0           | 0   |
| 3-Nitroaniline              | 40                 |                          | 52              | ug/L  | 130 |          | 6                | *                 | 0   | 0           | 0   |
| Acenaphthene                | 40                 |                          | 41              | ug/L  | 103 |          | 5                |                   | 46  | 118         | 31  |
| 2,4-Dinitrophenol           | 40                 |                          | 44              | ug/L  | 110 |          | 6                | *                 | 0   | 0           | 0   |
| 4-Nitrophenol               | 40                 |                          | 12              | ug/L  | 30  |          | 0                |                   | 10  | 80          | 50  |
| Dibenzofuran                | 40                 |                          | 42              | ug/L  | 105 |          | 5                | *                 | 0   | 0           | 0   |
| 2,4-Dinitrotoluene          | 40                 |                          | 55              | ug/L  | 138 | *        | 7                |                   | 24  | 96          | 38  |
| Diethylphthalate            | 40                 |                          | 43              | ug/L  | 108 |          | 6                | *                 | 0   | 0           | 0   |
| Fluorene                    | 40                 |                          | 42              | ug/L  | 105 |          | 7                | *                 | 0   | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 40                 |                          | 41              | ug/L  | 103 |          | 9                | *                 | 0   | 0           | 0   |
| 4-Nitroaniline              | 40                 |                          | 52              | ug/L  | 130 |          | 6                | *                 | 0   | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 40                 |                          | 52              | ug/L  | 130 |          | 2                | *                 | 0   | 0           | 0   |
| N-Nitrosodiphenylamine      | 40                 |                          | 47              | ug/L  | 117 |          | 5                | *                 | 0   | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG062724

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits High | RPD |
|----------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|-----|-------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |               | 46     | ug/L  | 115 |          | 7   | *        | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 40    |               | 48     | ug/L  | 120 |          | 4   | *        | 0   | 0           | 0   |
| Hexachlorobenzene          | 40    |               | 46     | ug/L  | 115 |          | 4   | *        | 0   | 0           | 0   |
| Atrazine                   | 40    |               | 35     | ug/L  | 88  |          | 8   | *        | 0   | 0           | 0   |
| Pentachlorophenol          | 40    |               | 43     | ug/L  | 108 | *        | 6   |          | 9   | 103         | 50  |
| Phenanthrene               | 40    |               | 45     | ug/L  | 113 |          | 2   | *        | 0   | 0           | 0   |
| Pentachlorobenzene         | 40    |               | 43     | ug/L  | 108 |          | 2   | *        | 0   | 0           | 0   |
| Anthracene                 | 40    |               | 43     | ug/L  | 108 |          | 6   | *        | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 40    |               | 54     | ug/L  | 135 |          | 4   | *        | 0   | 0           | 0   |
| Carbazole                  | 40    |               | 47     | ug/L  | 117 |          | 5   | *        | 0   | 0           | 0   |
| Di-n-butylphthalate        | 40    |               | 48     | ug/L  | 120 |          | 6   | *        | 0   | 0           | 0   |
| Fluoranthene               | 40    |               | 52     | ug/L  | 130 |          | 7   | *        | 0   | 0           | 0   |
| Pyrene                     | 40    |               | 51     | ug/L  | 128 | *        | 5   |          | 26  | 127         | 31  |
| Butylbenzylphthalate       | 40    |               | 57     | ug/L  | 143 |          | 7   | *        | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 40    |               | 44     | ug/L  | 110 |          | 3   | *        | 0   | 0           | 0   |
| Benzo(a)anthracene         | 40    |               | 46     | ug/L  | 115 |          | 7   | *        | 0   | 0           | 0   |
| Chrysene                   | 40    |               | 47     | ug/L  | 117 |          | 3   | *        | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 40    |               | 55     | ug/L  | 138 |          | 5   | *        | 0   | 0           | 0   |
| Di-n-octylphthalate        | 40    |               | 58     | ug/L  | 145 |          | 2   | *        | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 40    |               | 48     | ug/L  | 120 |          | 2   | *        | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 40    |               | 46     | ug/L  | 115 |          | 2   | *        | 0   | 0           | 0   |
| Benzo(a)pyrene             | 40    |               | 43     | ug/L  | 108 |          | 0   |          | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 40    |               | 49     | ug/L  | 123 |          | 2   | *        | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 40    |               | 48     | ug/L  | 120 |          | 2   | *        | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 40    |               | 47     | ug/L  | 117 |          | 3   | *        | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 40    |               | 44     | ug/L  | 110 |          | 6   | *        | 0   | 0           | 0   |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2898-08      | E1GB1     | BG061761.D | 1,4-Dioxane-d8                | 8              | 5.52            | 69           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.55           | 34           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.97            | 25           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 41.55           | 104          |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 33.63           | 84           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.55           | 54           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 48.56           | 121          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 53.05           | 133          | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 38.85           | 97           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 35.16           | 88           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 43.75           | 109          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 45.19           | 113          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.72           | 27           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 44.19           | 110          |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.13           | 93           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 45.45           | 114          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 51.44           | 129          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 46.96           | 117          |      | 20         | 130  |
| P2898-09MS    | E1GB1MS   | BG061762.D | 1,4-Dioxane-d8                | 8              | 5.10            | 64           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.72           | 32           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.39            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 36.56           | 91           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.97           | 75           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.40           | 46           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 42.43           | 106          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 46.53           | 116          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 36.11           | 90           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 31.02           | 78           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 40.67           | 102          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 39.99           | 100          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.63           | 27           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 39.99           | 100          |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 48.10           | 120          |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 41.69           | 104          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 47.88           | 120          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 42.64           | 107          |      | 20         | 130  |
| P2898-10MSD   | E1GB1MSD  | BG061763.D | 1,4-Dioxane-d8                | 8              | 5.08            | 64           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.93           | 32           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.12            | 20           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.33           | 86           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.55           | 69           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.52           | 44           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 41.88           | 105          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 45.84           | 115          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 35.20           | 88           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 29.05           | 73           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 38.26           | 96           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 37.83           | 95           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.34            | 23           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P2898-10MSD   | E1GB1MSD   | BG061763.D | Fluorene-d10                  | 40             | 38.37           | 96           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 46.08           | 115          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 39.99           | 100          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 45.15           | 113          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 41.54           | 104          |      | 20         | 130  |
| PB161559BL    | PB161559BL | BG061758.D | 1,4-Dioxane-d8                | 8              | 7.56            | 95           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 34.98           | 87           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 34.12           | 85           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.87           | 87           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.02           | 85           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 33.14           | 83           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 39.94           | 100          |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 45.27           | 113          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 36.26           | 91           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 28.01           | 70           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 36.10           | 90           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 36.92           | 92           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 32.52           | 81           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 36.48           | 91           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 19.62           | 49           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 38.03           | 95           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 42.28           | 106          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 39.80           | 99           |      | 20         | 130  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 8.00            | 100          |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 29.68           | 74           |      | 20         | 120  |
| PB161559BS    | PB161559BS | BG061765.D | Phenol-d5                     | 40             | 33.26           | 83           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 32.63           | 82           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 32.03           | 80           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 32.38           | 81           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 39.41           | 99           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 45.09           | 113          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 36.18           | 90           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 27.44           | 69           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.50           | 86           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 34.94           | 87           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 35.40           | 88           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 34.08           | 85           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 40.94           | 102          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 34.51           | 86           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 39.45           | 99           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 36.86           | 92           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2898-07      | E1G85     | BG061749.D | 1,4-Dioxane-d8                | 8              | 6.78            | 85           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 13.15           | 33           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.18            | 18           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 33.60           | 84           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.54           | 64           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.29           | 41           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 38.48           | 96           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 40.59           | 101          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.75           | 77           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 28.82           | 72           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 34.98           | 87           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 36.03           | 90           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.94            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 36.14           | 90           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.06           | 88           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 36.96           | 92           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 41.71           | 104          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 39.24           | 98           |      | 20         | 130  |
| P2898-12      | E1GC3     | BG061750.D | 1,4-Dioxane-d8                | 8              | 5.46            | 68           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 12.05           | 30           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.54            | 19           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.51           | 86           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 26.60           | 67           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.01           | 40           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 37.83           | 95           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 41.68           | 104          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 31.04           | 78           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 28.93           | 72           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 36.91           | 92           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 37.74           | 94           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.30            | 21           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 37.43           | 94           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 36.61           | 92           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 39.39           | 98           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 43.57           | 109          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 41.35           | 103          |      | 20         | 130  |
| P2898-13      | E1GC4     | BG061751.D | 1,4-Dioxane-d8                | 8              | 6.31            | 79           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.30           | 38           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.77            | 22           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 41.06           | 103          |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.74           | 77           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 19.47           | 49           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 43.87           | 110          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 46.35           | 116          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 35.60           | 89           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 34.82           | 87           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 40.75           | 102          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 41.67           | 104          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.37            | 21           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P2898-13      | E1GC4      | BG061751.D | Fluorene-d10                  | 40             | 41.21           | 103          |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.77           | 77           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 44.72           | 112          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 48.74           | 122          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 46.46           | 116          |      | 20         | 130  |
| P2898-14      | E1GD7      | BG061752.D | 1,4-Dioxane-d8                | 8              | 5.66            | 71           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 4.96            | 12           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 7.83            | 20           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.34           | 86           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.84           | 67           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 17.40           | 44           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 37.55           | 94           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 39.86           | 100          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.41           | 76           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 18.18           | 45           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.91           | 87           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 35.88           | 90           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.47            | 19           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 35.87           | 90           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 35.55           | 89           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 40.17           | 100          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 44.62           | 112          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 41.54           | 104          |      | 20         | 130  |
| P2898-15      | E1GD8      | BG061753.D | 1,4-Dioxane-d8                | 8              | 5.25            | 66           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 5.01            | 13           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 8.16            | 20           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 36.23           | 91           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.56           | 71           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 17.60           | 44           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 42.13           | 105          |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 43.41           | 109          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 34.16           | 85           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 18.20           | 46           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 38.58           | 96           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 39.70           | 99           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 8.74            | 22           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 40.32           | 101          |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 41.32           | 103          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 44.95           | 112          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 49.03           | 123          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 45.33           | 113          |      | 20         | 130  |
| PB161561BL    | PB161561BL | BG061743.D | 1,4-Dioxane-d8                | 8              | 6.56            | 82           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 27.02           | 68           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.17           | 65           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.12           | 68           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.21           | 66           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 24.98           | 62           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.31           | 73           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 32.90           | 82           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB161561BL    | PB161561BL | BG061743.D | 2,4-Dichlorophenol-d3         | 40             | 27.03           | 68           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 21.86           | 55           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.39           | 71           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.66           | 72           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 27.67           | 69           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.66           | 72           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.96           | 70           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 30.04           | 75           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 31.88           | 80           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.15           | 75           |      | 20         | 130  |
|               |            |            | Pyridine-d5                   | 40             | 29.84           | 75           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 7.16            | 89           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 31.83           | 80           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 30.65           | 77           |      | 25         | 120  |
| PB161561BS    | PB161561BS | BG061756.D | 2-Chlorophenol-d4             | 40             | 30.81           | 77           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 30.73           | 77           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 35.70           | 89           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 41.71           | 104          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 33.88           | 85           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.20           | 66           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.46           | 81           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.62           | 84           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 34.64           | 87           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 33.02           | 83           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.89           | 80           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.38           | 83           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 38.56           | 96           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.17           | 88           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2899-19      | C0AA1     | BG061766.D | 1,4-Dioxane-d8                | 8              | 5.38            | 67           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.89            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.08            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.56           | 54           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 21.40           | 54           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.86           | 42           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.54           | 64           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.06           | 70           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 23.33           | 58           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.63           | 37           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 24.59           | 61           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.49           | 61           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.81            | 25           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.39           | 63           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.06           | 55           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.77           | 74           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 32.06           | 80           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.80           | 75           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2934-01      | A4B58     | BG061767.D | 1,4-Dioxane-d8                | 8              | 4.32            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.81            | 7            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.02           | 53           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 21.06           | 53           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.59           | 51           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.15           | 33           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.85           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.20           | 68           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 21.90           | 55           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 7.48            | 19           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.65           | 59           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.25           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.57           | 46           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 24.69           | 62           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.09           | 53           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.96           | 62           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 25.20           | 63           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.26           | 46           |      | 10         | 140  |
| P2934-02      | A4B59     | BG061770.D | 1,4-Dioxane-d8                | 8              | 3.72            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.73            | 7            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.02           | 55           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.49           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.02           | 58           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.21           | 43           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 26.69           | 67           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.86           | 72           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 22.59           | 56           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 6.85            | 17           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.48           | 59           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.39           | 61           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 19.91           | 50           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 23.92           | 60           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.74           | 44           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.06           | 65           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 25.87           | 65           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 19.34           | 48           |      | 10         | 140  |
| P2934-14      | A4CQ0     | BG061768.D | 1,4-Dioxane-d8                | 8              | 4.76            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 4.05            | 10           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 27.92           | 70           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.95           | 70           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.35           | 73           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.00           | 68           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 34.14           | 85           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 38.74           | 97           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 30.45           | 76           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 0.00            | 0            | *    | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.97           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.88           | 77           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 25.19           | 63           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2934-14      | A4CQ0     | BG061768.D | Fluorene-d10                  | 40             | 28.83           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.85           | 72           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 31.10           | 78           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.41           | 74           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 20.75           | 52           |      | 10         | 140  |
| P2934-17      | A4CQ3     | BG061771.D | 1,4-Dioxane-d8                | 8              | 5.30            | 66           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 20.06           | 50           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.80           | 65           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.84           | 65           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 27.00           | 67           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.68           | 64           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.65           | 82           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 36.38           | 91           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.87           | 72           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.89           | 57           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 28.83           | 72           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.81           | 77           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 23.36           | 58           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.72           | 72           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.84           | 37           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 29.70           | 74           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 33.02           | 83           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 30.90           | 77           |      | 10         | 140  |
| P2934-20      | A4B56     | BG061744.D | 1,4-Dioxane-d8                | 8              | 4.30            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 20.26           | 51           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 20.22           | 51           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.87           | 52           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.68           | 52           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.46           | 54           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.51           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 25.81           | 65           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 22.36           | 56           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 21.43           | 54           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.48           | 66           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.66           | 67           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 22.92           | 57           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.65           | 69           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.84           | 55           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.74           | 67           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.53           | 79           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.06           | 70           |      | 10         | 140  |
| P2934-21      | A4B57     | BG061739.D | 1,4-Dioxane-d8                | 8              | 4.51            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 21.95           | 55           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 21.48           | 54           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.21           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.06           | 55           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.78           | 54           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.63           | 57           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 23.92           | 60           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P2934-21      | A4B57     | BG061739.D | 2,4-Dichlorophenol-d3         | 40             | 22.14           | 55           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.78           | 52           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.02           | 63           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.45           | 64           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 20.42           | 51           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.94           | 65           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.97           | 47           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.90           | 65           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 29.62           | 74           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 27.70           | 69           |      | 10         | 140  |
| P2934-22      | A4B73     | BG061740.D | 1,4-Dioxane-d8                | 8              | 4.25            | 53           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 2.53            | 6            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 22.90           | 57           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.31           | 56           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.76           | 59           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 22.14           | 55           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.59           | 59           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.66           | 67           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.05           | 65           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 10.12           | 25           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 27.66           | 69           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 27.91           | 70           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 23.33           | 58           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 28.43           | 71           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.43           | 56           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 28.95           | 72           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.74           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 18.37           | 46           |      | 10         | 140  |
| P2934-24      | A4DK5     | BG061737.D | 1,4-Dioxane-d8                | 8              | 5.58            | 70           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 29.02           | 73           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.93           | 75           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.56           | 74           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.72           | 69           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.81           | 77           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.91           | 82           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 38.01           | 95           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.21           | 61           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 37.43           | 94           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 36.43           | 91           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 32.85           | 82           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 37.30           | 93           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.82           | 80           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 37.49           | 94           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 42.87           | 107          |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 39.29           | 98           |      | 10         | 140  |
| P2934-24DL    | A4DK5DL   | BG061738.D | 1,4-Dioxane-d8                | 8              | 5.20            | 65           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 26.03           | 65           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P2934-24DL    | A4DK5DL    | BG061738.D | Bis(2-Chloroethyl)ether-d8    | 40             | 28.92           | 72           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.14           | 65           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.28           | 63           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 27.59           | 69           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 25.67           | 64           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 34.57           | 86           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.83           | 57           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.83           | 87           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.55           | 84           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.65           | 72           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 35.94           | 90           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.98           | 62           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 35.59           | 89           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 40.05           | 100          |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.64           | 89           |      | 10         | 140  |
| PB161583BS    | PB161583BS | BG061769.D | Pyridine-d5                   | 40             | 31.67           | 79           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 6.96            | 87           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 33.49           | 84           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 33.35           | 83           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 34.18           | 85           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 32.55           | 81           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 40.29           | 101          |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 45.53           | 114          |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 35.88           | 90           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 29.71           | 74           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 34.92           | 87           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 36.74           | 92           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 37.00           | 92           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 35.01           | 88           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 39.24           | 98           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 36.91           | 92           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 40.63           | 102          |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 39.19           | 98           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3055-01      | E08C7     | BG061745.D | 1,4-Dioxane-d8                | 8              | 4.77            | 60           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 6.85            | 17           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.71            | 24           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 35.11           | 88           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.16           | 75           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.64           | 52           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 38.50           | 96           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 40.83           | 102          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 33.38           | 83           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 26.50           | 66           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 35.54           | 89           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 35.30           | 88           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.48            | 24           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 36.25           | 91           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.99           | 95           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 40.02           | 100          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 44.44           | 111          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 40.62           | 102          |      | 20         | 130  |
| P3055-03      | E08C9     | BG061746.D | 1,4-Dioxane-d8                | 8              | 5.72            | 72           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.50            | 14           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 11.12           | 28           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 41.96           | 105          |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 36.29           | 91           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 24.59           | 61           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 44.66           | 112          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 49.40           | 124          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 38.32           | 96           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 14.64           | 37           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 41.47           | 104          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 42.01           | 105          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.30           | 26           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 41.95           | 105          |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 41.87           | 105          |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 43.47           | 109          |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 48.38           | 121          |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 45.49           | 114          |      | 20         | 130  |
| P3055-05      | E08D4     | BG061747.D | 1,4-Dioxane-d8                | 8              | 6.19            | 77           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.03            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.14           | 30           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 44.57           | 111          |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 38.85           | 97           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 26.95           | 67           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 49.51           | 124          |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 54.18           | 135          | *    | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 41.55           | 104          |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 34.23           | 86           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 45.37           | 113          |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 47.38           | 118          |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.56           | 29           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3055-05      | E08D4      | BG061747.D | Fluorene-d10                  | 40             | 46.87           | 117          |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 47.98           | 120          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 48.64           | 122          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 52.80           | 132          | *    | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 50.89           | 127          |      | 20         | 130  |
| P3055-07      | E08D7      | BG061748.D | 1,4-Dioxane-d8                | 8              | 5.42            | 68           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 6.06            | 15           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 10.90           | 27           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 42.69           | 107          |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 37.52           | 94           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 24.35           | 61           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 49.79           | 124          |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 57.03           | 143          | *    | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 42.96           | 107          |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 8.49            | 21           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 44.06           | 110          |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 44.49           | 111          |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 10.82           | 27           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 46.04           | 115          |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 47.81           | 120          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 47.11           | 118          |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 54.41           | 136          | *    | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 51.92           | 130          |      | 20         | 130  |
| PB161760BL    | PB161760BL | BG061742.D | 1,4-Dioxane-d8                | 8              | 6.45            | 81           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 25.85           | 65           |      | 20         | 120  |
|               |            | BG061736.D | Pyridine-d5                   | 40             | 29.54           | 74           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 7.33            | 92           |      | 15         | 120  |
|               |            | BG061742.D | Phenol-d5                     | 40             | 28.37           | 71           |      | 10         | 130  |
|               |            |            | Phenol-d5                     | 40             | 26.25           | 66           |      | 10         | 130  |
|               |            | BG061736.D | Bis(2-Chloroethyl)ether-d8    | 40             | 27.21           | 68           |      | 25         | 120  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.39           | 73           |      | 25         | 120  |
|               |            | BG061742.D | 2-Chlorophenol-d4             | 40             | 27.25           | 68           |      | 20         | 130  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.52           | 66           |      | 20         | 130  |
|               |            | BG061736.D | 4-Methylphenol-d8             | 40             | 24.98           | 62           |      | 25         | 125  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.80           | 67           |      | 25         | 125  |
|               |            | BG061742.D | Nitrobenzene-d5               | 40             | 29.54           | 74           |      | 20         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.22           | 81           |      | 20         | 125  |
|               |            | BG061736.D | 2-Nitrophenol-d4              | 40             | 35.70           | 89           |      | 20         | 130  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 29.91           | 75           |      | 20         | 130  |
|               |            | BG061742.D | 2,4-Dichlorophenol-d3         | 40             | 29.69           | 74           |      | 20         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 29.04           | 73           |      | 20         | 120  |
|               |            | BG061736.D | 4-Chloroaniline-d4            | 40             | 23.29           | 58           |      | 1          | 146  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.54           | 59           |      | 1          | 146  |
|               |            | BG061742.D | Dimethylphthalate-d6          | 40             | 30.86           | 77           |      | 25         | 130  |
|               |            |            | Dimethylphthalate-d6          | 40             | 30.89           | 77           |      | 25         | 130  |
|               |            | BG061736.D | Acenaphthylene-d8             | 40             | 31.70           | 79           |      | 10         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 31.96           | 80           |      | 10         | 130  |
|               |            | BG061742.D | 4-Nitrophenol-d4              | 40             | 26.83           | 67           |      | 10         | 150  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.29           | 73           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB161760BL    | PB161760BL | BG061742.D | Fluorene-d10                  | 40             | 31.34           | 78           |      | 25         | 125  |
|               |            | BG061736.D | Fluorene-d10                  | 40             | 31.54           | 79           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.39           | 58           |      | 10         | 130  |
|               |            | BG061742.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.10           | 70           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 32.06           | 80           |      | 25         | 130  |
|               |            | BG061736.D | Anthracene-d10                | 40             | 31.71           | 79           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 34.63           | 87           |      | 15         | 130  |
|               |            | BG061742.D | Pyrene-d10                    | 40             | 35.36           | 88           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.36           | 83           |      | 20         | 130  |
|               |            | BG061736.D | Benzo(a)pyrene-d12            | 40             | 33.22           | 83           |      | 20         | 130  |
|               |            | BG061755.D | 1,4-Dioxane-d8                | 8              | 8.31            | 104          |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 31.85           | 80           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 35.39           | 88           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 34.76           | 87           |      | 25         | 120  |
| PB161760BS    | PB161760BS |            | 2-Chlorophenol-d4             | 40             | 35.75           | 89           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 34.52           | 86           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 37.80           | 94           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 43.87           | 110          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 36.45           | 91           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 28.23           | 71           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 35.81           | 90           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 36.80           | 92           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 36.37           | 91           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 36.79           | 92           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.53           | 81           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 35.23           | 88           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 42.23           | 106          |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 38.63           | 97           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG062724**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P2899-12      | C0AB4      | BG061760.D | 1,4-Dioxane-d8                | 8              | 4.96            | 62           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.28           | 71           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.79           | 72           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.15           | 73           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.35           | 63           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.42           | 84           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 36.85           | 92           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.99           | 77           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 5.46            | 14           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.36           | 81           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 33.45           | 84           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.70           | 72           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.61           | 79           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 32.11           | 80           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 34.19           | 85           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 31.71           | 79           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 21.84           | 55           |      | 10         | 140  |
| P2899-13      | C0AB5      | BG061754.D | Pyridine-d5                   | 40             | 22.72           | 57           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 4.84            | 60           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.47           | 74           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.96           | 72           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.87           | 75           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.26           | 71           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.08           | 85           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 38.39           | 96           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 31.77           | 79           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 20.94           | 52           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 31.02           | 78           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.53           | 81           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.32           | 66           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 31.62           | 79           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.17           | 73           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.38           | 83           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 37.94           | 95           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 33.75           | 84           |      | 10         | 140  |
| PB161805BL    | PB161805BL | BG061759.D | Pyridine-d5                   | 40             | 29.94           | 75           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.17            | 65           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 27.13           | 68           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.39           | 68           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.34           | 68           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.82           | 67           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 30.50           | 76           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 35.07           | 88           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.57           | 69           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.24           | 66           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.93           | 70           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 29.38           | 73           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 26.91           | 67           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG062724

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB161805BL    | PB161805BL | BG061759.D | Fluorene-d10                  | 40             | 28.87           | 72           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.63           | 39           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 29.60           | 74           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 32.17           | 80           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 30.60           | 76           |      | 10         | 140  |
| PB161805BS    | PB161805BS | BG061764.D | 1,4-Dioxane-d8                | 8              | 6.33            | 79           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 30.77           | 77           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 32.38           | 81           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.34           | 78           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 32.27           | 81           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 31.32           | 78           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 38.31           | 96           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 42.65           | 107          |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 34.13           | 85           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 28.15           | 70           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 32.04           | 80           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 32.76           | 82           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 34.79           | 87           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 32.29           | 81           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 38.59           | 96           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 33.55           | 84           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 37.61           | 94           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 35.31           | 88           |      | 10         | 140  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062724

Lab Code: CHEM

SAS No.: BG062724

SDG NO.: BG062724

Lab File ID: BG061734.D

DFTPP Injection Date: 06/27/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:15

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 50.4                 |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.9 ) 1        |
| 69  | Mass 69 relative abundance         | 39.2                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43                   |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.9                 |
| 365 | Greater than 1% of mass 198        | 4.7                  |
| 441 | Present, but less than mass 443    | 13.8                 |
| 442 | Greater than 50% of mass 198       | 81.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 16 ( 19.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020540        | SSTDCCC020       | BG061735.D     | 06/27/2024       | 10:56            |
| SBLK760           | PB161760BL       | BG061736.D     | 06/27/2024       | 11:39            |
| A4DK5             | P2934-24         | BG061737.D     | 06/27/2024       | 12:29            |
| A4DK5DL           | P2934-24DL       | BG061738.D     | 06/27/2024       | 14:05            |
| A4B57             | P2934-21         | BG061739.D     | 06/27/2024       | 14:57            |
| A4B73             | P2934-22         | BG061740.D     | 06/27/2024       | 15:38            |
| SSTD020541        | SSTDCCC020       | BG061741.D     | 06/27/2024       | 16:19            |
| SBLK760           | PB161760BL       | BG061742.D     | 06/27/2024       | 17:00            |
| SBLK561           | PB161561BL       | BG061743.D     | 06/27/2024       | 17:42            |
| A4B56             | P2934-20         | BG061744.D     | 06/27/2024       | 18:23            |
| E08C7             | P3055-01         | BG061745.D     | 06/27/2024       | 19:04            |
| E08C9             | P3055-03         | BG061746.D     | 06/27/2024       | 19:45            |
| E08D4             | P3055-05         | BG061747.D     | 06/27/2024       | 20:26            |
| E08D7             | P3055-07         | BG061748.D     | 06/27/2024       | 21:07            |
| E1G85             | P2898-07         | BG061749.D     | 06/27/2024       | 21:48            |
| E1GC3             | P2898-12         | BG061750.D     | 06/27/2024       | 22:28            |
| E1GC4             | P2898-13         | BG061751.D     | 06/27/2024       | 23:09            |
| E1GD7             | P2898-14         | BG061752.D     | 06/27/2024       | 23:49            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062724

Lab Code: CHEM

SAS No.: BG062724

SDG NO.: BG062724

Lab File ID: BG061734.D

DFTPP Injection Date: 06/27/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:15

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 50.4                 |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.9 ) 1        |
| 69  | Mass 69 relative abundance         | 39.2                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43                   |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.9                 |
| 365 | Greater than 1% of mass 198        | 4.7                  |
| 441 | Present, but less than mass 443    | 13.8                 |
| 442 | Greater than 50% of mass 198       | 81.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 16 ( 19.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| E1GD8             | P2898-15         | BG061753.D     | 06/28/2024       | 00:30            |
| C0AB5             | P2899-13         | BG061754.D     | 06/28/2024       | 01:10            |
| SLCS760           | PB161760BS       | BG061755.D     | 06/28/2024       | 01:51            |
| SLCS561           | PB161561BS       | BG061756.D     | 06/28/2024       | 02:31            |
| SSTD020542        | SSTDCCC020       | BG061757.D     | 06/28/2024       | 03:12            |
| SBLK559           | PB161559BL       | BG061758.D     | 06/28/2024       | 04:32            |
| SBLK805           | PB161805BL       | BG061759.D     | 06/28/2024       | 05:12            |
| C0AB4             | P2899-12         | BG061760.D     | 06/28/2024       | 05:53            |
| E1GB1             | P2898-08         | BG061761.D     | 06/28/2024       | 06:33            |
| E1GB1MS           | P2898-09MS       | BG061762.D     | 06/28/2024       | 07:13            |
| E1GB1MSD          | P2898-10MSD      | BG061763.D     | 06/28/2024       | 07:53            |
| SLCS805           | PB161805BS       | BG061764.D     | 06/28/2024       | 08:34            |
| SLCS559           | PB161559BS       | BG061765.D     | 06/28/2024       | 09:13            |
| C0AA1             | P2899-19         | BG061766.D     | 06/28/2024       | 09:54            |
| A4B58             | P2934-01         | BG061767.D     | 06/28/2024       | 11:28            |
| A4CQ0             | P2934-14         | BG061768.D     | 06/28/2024       | 12:09            |
| SLCS583           | PB161583BS       | BG061769.D     | 06/28/2024       | 12:49            |
| A4B59             | P2934-02         | BG061770.D     | 06/28/2024       | 13:29            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG062724

Lab Code: CHEM

SAS No.: BG062724

SDG NO.: BG062724

Lab File ID: BG061734.D

DFTPP Injection Date: 06/27/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 10:15

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 50.4                 |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 0.9 ) 1        |
| 69  | Mass 69 relative abundance         | 39.2                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.4 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 43                   |
| 197 | Less than 2.0% of mass 198         | 0.2                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.7                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.9                 |
| 365 | Greater than 1% of mass 198        | 4.7                  |
| 441 | Present, but less than mass 443    | 13.8                 |
| 442 | Greater than 50% of mass 198       | 81.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 16 ( 19.6 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| A4CQ3             | P2934-17         | BG061771.D     | 06/28/2024       | 14:10            |
| SSTD020543        | SSTDCCC020EC     | BG061772.D     | 06/28/2024       | 14:50            |