

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/7/2024 12:23:41

Lab File ID: BG062312.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020596 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-----------------------------|-------|--------|---------|---------|-------|
| 1,4-Dioxane                 | 0.524 | 0.482  | 0.010   | -7.9235 | 40.0  |
| Benzaldehyde                | 1.009 | 1.041  | 0.010   | 3.1962  | 40.0  |
| Pyridine                    | 1.517 | 1.452  | 0.010   | -4.2917 | 40.0  |
| Phenol                      | 2.014 | 1.983  | 0.080   | -1.5689 | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.493 | 1.413  | 0.100   | -5.3421 | 20.0  |
| 2-Chlorophenol              | 1.453 | 1.403  | 0.200   | -3.463  | 20.0  |
| 2-Methylphenol              | 1.519 | 1.443  | 0.010   | -4.9864 | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.050 | 2.961  | 0.010   | -2.9061 | 40.0  |
| Acetophenone                | 2.532 | 2.448  | 0.060   | -3.3255 | 20.0  |
| 4-Methylphenol              | 1.701 | 1.666  | 0.010   | -2.0587 | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.346 | 1.308  | 0.050   | -2.8322 | 30.0  |
| Hexachloroethane            | 0.540 | 0.526  | 0.100   | -2.5195 | 20.0  |
| Nitrobenzene                | 0.351 | 0.381  | 0.050   | 8.7092  | 25.0  |
| Isophorone                  | 0.844 | 0.794  | 0.050   | -5.904  | 25.0  |
| 2-Nitrophenol               | 0.141 | 0.175  | 0.050   | 24.6985 | 25.0  |
| 2,4-Dimethylphenol          | 0.403 | 0.380  | 0.050   | -5.5592 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.476 | 0.465  | 0.050   | -2.2517 | 20.0  |
| 2,4-Dichlorophenol          | 0.342 | 0.360  | 0.060   | 5.5613  | 20.0  |
| Naphthalene                 | 1.137 | 1.098  | 0.200   | -3.4335 | 20.0  |
| 4-Chloroaniline             | 0.478 | 0.456  | 0.010   | -4.5504 | 40.0  |
| Hexachlorobutadiene         | 0.258 | 0.247  | 0.040   | -4.2984 | 30.0  |
| Caprolactam                 | 0.119 | 0.126  | 0.010   | 5.419   | 40.0  |
| 4-Chloro-3-methylphenol     | 0.383 | 0.415  | 0.040   | 8.2338  | 25.0  |
| 1-Methylnaphthalene         | 0.811 | 0.850  | 0.100   | 4.7529  | 20.0  |
| 2-Methylnaphthalene         | 0.783 | 0.841  | 0.100   | 7.4299  | 20.0  |
| Hexachlorocyclopentadiene   | 0.254 | 0.272  | 0.010   | 7.0189  | 40.0  |
| 2,4,6-Trichlorophenol       | 0.379 | 0.389  | 0.090   | 2.7332  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.408 | 0.428  | 0.100   | 4.908   | 25.0  |
| 1,1-Biphenyl                | 1.515 | 1.429  | 0.200   | -5.6945 | 20.0  |
| 2-Chloronaphthalene         | 1.177 | 1.122  | 0.300   | -4.7299 | 20.0  |
| 2-Nitroaniline              | 0.300 | 0.346  | 0.050   | 15.4621 | 40.0  |
| Dimethylphthalate           | 1.548 | 1.421  | 0.300   | -8.2231 | 20.0  |
| 2,6-Dinitrotoluene          | 0.211 | 0.257  | 0.080   | 21.6673 | 30.0  |
| Acenaphthylene              | 1.864 | 1.739  | 0.400   | -6.7311 | 20.0  |
| 3-Nitroaniline              | 0.241 | 0.259  | 0.010   | 7.8183  | 40.0  |
| Acenaphthene                | 1.388 | 1.290  | 0.200   | -7.0694 | 20.0  |
| 2,4-Dinitrophenol           | 0.084 | 0.101  | 0.010   | 20.2627 | 40.0  |
| 4-Nitrophenol               | 0.193 | 0.192  | 0.010   | -0.8892 | 40.0  |
| Dibenzofuran                | 1.917 | 1.794  | 0.300   | -6.4298 | 20.0  |

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Instrument ID: BNA\_G Calibration Date/Time: 8/7/2024 12:23:41

Lab File ID: BG062312.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020596 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D      | MAX%D |
|-------------------------------|-------|--------|---------|---------|-------|
| 2,4-Dinitrotoluene            | 0.290 | 0.385  | 0.070   | 32.8669 | 30.0  |
| Diethylphthalate              | 1.563 | 1.408  | 0.300   | -9.9532 | 20.0  |
| Fluorene                      | 1.499 | 1.402  | 0.200   | -6.4885 | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.773 | 0.716  | 0.100   | -7.3387 | 20.0  |
| 4-Nitroaniline                | 0.232 | 0.240  | 0.010   | 3.3506  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.068 | 0.091  | 0.010   | 33.5368 | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.566  | 0.050   | -5.5278 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.653 | 0.634  | 0.100   | -2.9254 | 20.0  |
| 4-Bromophenyl-phenylether     | 0.228 | 0.220  | 0.070   | -3.5079 | 20.0  |
| Hexachlorobenzene             | 0.265 | 0.254  | 0.050   | -4.2744 | 25.0  |
| Atrazine                      | 0.230 | 0.224  | 0.010   | -2.3257 | 25.0  |
| Pentachlorophenol             | 0.140 | 0.145  | 0.010   | 3.7042  | 40.0  |
| Phenanthrene                  | 1.126 | 1.061  | 0.200   | -5.7509 | 20.0  |
| Pentachlorobenzene            | 0.313 | 0.304  | 0.050   | -2.877  | 20.0  |
| Anthracene                    | 1.155 | 1.084  | 0.200   | -6.2046 | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.300 | 0.298  | 0.050   | -0.5101 | 20.0  |
| Carbazole                     | 0.947 | 0.910  | 0.050   | -3.94   | 40.0  |
| Di-n-butylphthalate           | 1.127 | 1.098  | 0.500   | -2.6372 | 25.0  |
| Fluoranthene                  | 1.344 | 1.225  | 0.400   | -8.8931 | 25.0  |
| Pyrene                        | 1.431 | 1.322  | 0.400   | -7.6385 | 25.0  |
| Butylbenzylphthalate          | 0.494 | 0.466  | 0.100   | -5.723  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.450 | 0.456  | 0.010   | 1.39    | 40.0  |
| Benzo (a) anthracene          | 1.465 | 1.353  | 0.300   | -7.6219 | 30.0  |
| Chrysene                      | 1.383 | 1.283  | 0.200   | -7.2473 | 30.0  |
| Bis (2-ethylhexyl) phthalate  | 0.762 | 0.706  | 0.200   | -7.3514 | 40.0  |
| Di-n-octyl phthalate          | 1.139 | 1.064  | 0.010   | -6.6041 | 40.0  |
| Benzo (b) fluoranthene        | 1.217 | 1.144  | 0.200   | -5.9393 | 25.0  |
| Benzo (k) fluoranthene        | 1.238 | 1.148  | 0.200   | -7.2226 | 25.0  |
| Benzo (a) pyrene              | 1.151 | 1.078  | 0.200   | -6.3708 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.492 | 1.382  | 0.200   | -7.3684 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.218 | 1.119  | 0.200   | -8.1382 | 30.0  |
| Benzo (g,h,i) perylene        | 1.133 | 1.042  | 0.200   | -8.0065 | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.367 | 0.383  | 0.040   | 4.2637  | 20.0  |
| 1,4-Dioxane-d8                | 0.464 | 0.452  | 0.010   | -2.4578 | 25.0  |
| Pyridine-d5                   | 1.459 | 1.345  | 0.010   | -7.8251 | 40.0  |
| Phenol-d5                     | 1.909 | 1.830  | 0.010   | -4.1576 | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.175 | 1.153  | 0.050   | -1.8406 | 25.0  |
| 2-Chlorophenol-d4             | 1.368 | 1.354  | 0.200   | -0.9958 | 20.0  |
| 4-Methylphenol-d8             | 1.590 | 1.495  | 0.010   | -5.9844 | 20.0  |

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Lab File ID: BG062312.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020596 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.123 | 0.142  | 0.050      | 14.878   | 20.0  |
| 2-Nitrophenol-d4              | 0.116 | 0.152  | 0.050      | 31.2136  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.337 | 0.358  | 0.060      | 6.3187   | 20.0  |
| 4-Chloroaniline-d4            | 0.489 | 0.462  | 0.010      | -5.5351  | 40.0  |
| Dimethylphthalate-d6          | 1.543 | 1.381  | 0.300      | -10.4819 | 20.0  |
| Acenaphthylene-d8             | 1.750 | 1.609  | 0.400      | -8.0409  | 20.0  |
| 4-Nitrophenol-d4              | 0.216 | 0.227  | 0.010      | 4.9711   | 40.0  |
| Fluorene-d10                  | 1.385 | 1.299  | 0.100      | -6.1877  | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.059 | 0.080  | 0.010      | 34.7513  | 40.0  |
| Anthracene-d10                | 0.965 | 0.910  | 0.300      | -5.6853  | 20.0  |
| Pyrene-d10                    | 1.189 | 1.090  | 0.300      | -8.2821  | 25.0  |
| Benzo(a)pyrene-d12            | 1.069 | 1.000  | 0.010      | -6.4374  | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:14:04

Lab File ID: BG062328.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020598 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.524 | 0.428  | 0.010   | -18.2812 | 40.0  |
| Benzaldehyde                | 1.009 | 1.001  | 0.010   | -0.7404  | 40.0  |
| Pyridine                    | 1.517 | 1.351  | 0.010   | -10.9025 | 40.0  |
| Phenol                      | 2.014 | 1.852  | 0.080   | -8.0457  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.493 | 1.343  | 0.100   | -10.0172 | 20.0  |
| 2-Chlorophenol              | 1.453 | 1.313  | 0.200   | -9.6072  | 20.0  |
| 2-Methylphenol              | 1.519 | 1.382  | 0.010   | -8.9999  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.050 | 2.812  | 0.010   | -7.8094  | 40.0  |
| Acetophenone                | 2.532 | 2.282  | 0.060   | -9.8679  | 20.0  |
| 4-Methylphenol              | 1.701 | 1.541  | 0.010   | -9.3887  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.346 | 1.247  | 0.050   | -7.3687  | 30.0  |
| Hexachloroethane            | 0.540 | 0.514  | 0.100   | -4.8817  | 20.0  |
| Nitrobenzene                | 0.351 | 0.370  | 0.050   | 5.3982   | 25.0  |
| Isophorone                  | 0.844 | 0.753  | 0.050   | -10.7098 | 25.0  |
| 2-Nitrophenol               | 0.141 | 0.176  | 0.050   | 24.8702  | 25.0  |
| 2,4-Dimethylphenol          | 0.403 | 0.350  | 0.050   | -13.1994 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.476 | 0.443  | 0.050   | -6.8965  | 20.0  |
| 2,4-Dichlorophenol          | 0.342 | 0.347  | 0.060   | 1.6974   | 20.0  |
| Naphthalene                 | 1.137 | 1.027  | 0.200   | -9.6525  | 20.0  |
| 4-Chloroaniline             | 0.478 | 0.429  | 0.010   | -10.1001 | 40.0  |
| Hexachlorobutadiene         | 0.258 | 0.241  | 0.040   | -6.8063  | 30.0  |
| Caprolactam                 | 0.119 | 0.114  | 0.010   | -4.8448  | 40.0  |
| 4-Chloro-3-methylphenol     | 0.383 | 0.400  | 0.040   | 4.3605   | 25.0  |
| 1-Methylnaphthalene         | 0.811 | 0.810  | 0.100   | -0.1538  | 20.0  |
| 2-Methylnaphthalene         | 0.783 | 0.794  | 0.100   | 1.3384   | 20.0  |
| Hexachlorocyclopentadiene   | 0.254 | 0.270  | 0.010   | 6.4586   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.379 | 0.375  | 0.090   | -0.9041  | 25.0  |
| 2,4,5-Trichlorophenol       | 0.408 | 0.414  | 0.100   | 1.4198   | 25.0  |
| 1,1-Biphenyl                | 1.515 | 1.368  | 0.200   | -9.6883  | 20.0  |
| 2-Chloronaphthalene         | 1.177 | 1.064  | 0.300   | -9.6695  | 20.0  |
| 2-Nitroaniline              | 0.300 | 0.333  | 0.050   | 11.1209  | 40.0  |
| Dimethylphthalate           | 1.548 | 1.334  | 0.300   | -13.797  | 20.0  |
| 2,6-Dinitrotoluene          | 0.211 | 0.248  | 0.080   | 17.1171  | 30.0  |
| Acenaphthylene              | 1.864 | 1.633  | 0.400   | -12.4243 | 20.0  |
| 3-Nitroaniline              | 0.241 | 0.243  | 0.010   | 0.7983   | 40.0  |
| Acenaphthene                | 1.388 | 1.210  | 0.200   | -12.7978 | 20.0  |
| 2,4-Dinitrophenol           | 0.084 | 0.087  | 0.010   | 3.1538   | 40.0  |
| 4-Nitrophenol               | 0.193 | 0.185  | 0.010   | -4.3919  | 40.0  |
| Dibenzofuran                | 1.917 | 1.709  | 0.300   | -10.8447 | 20.0  |

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Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:14:04

Lab File ID: BG062328.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020598 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.290 | 0.362  | 0.070   | 24.9259  | 30.0  |
| Diethylphthalate              | 1.563 | 1.302  | 0.300   | -16.7294 | 20.0  |
| Fluorene                      | 1.499 | 1.301  | 0.200   | -13.2447 | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.773 | 0.679  | 0.100   | -12.1274 | 20.0  |
| 4-Nitroaniline                | 0.232 | 0.231  | 0.010   | -0.5353  | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.068 | 0.086  | 0.010   | 26.1358  | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.543  | 0.050   | -9.429   | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.653 | 0.621  | 0.100   | -4.9612  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.228 | 0.213  | 0.070   | -6.3374  | 20.0  |
| Hexachlorobenzene             | 0.265 | 0.241  | 0.050   | -9.0787  | 25.0  |
| Atrazine                      | 0.230 | 0.209  | 0.010   | -9.0642  | 25.0  |
| Pentachlorophenol             | 0.140 | 0.135  | 0.010   | -3.3555  | 40.0  |
| Phenanthrene                  | 1.126 | 0.986  | 0.200   | -12.4022 | 20.0  |
| Pentachlorobenzene            | 0.313 | 0.292  | 0.050   | -6.7205  | 20.0  |
| Anthracene                    | 1.155 | 1.015  | 0.200   | -12.13   | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.300 | 0.291  | 0.050   | -2.7714  | 20.0  |
| Carbazole                     | 0.947 | 0.844  | 0.050   | -10.9637 | 40.0  |
| Di-n-butylphthalate           | 1.127 | 1.033  | 0.500   | -8.4161  | 25.0  |
| Fluoranthene                  | 1.344 | 1.163  | 0.400   | -13.505  | 25.0  |
| Pyrene                        | 1.431 | 1.233  | 0.400   | -13.8732 | 25.0  |
| Butylbenzylphthalate          | 0.494 | 0.447  | 0.100   | -9.4417  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.450 | 0.435  | 0.010   | -3.3433  | 40.0  |
| Benzo (a) anthracene          | 1.465 | 1.288  | 0.300   | -12.0691 | 30.0  |
| Chrysene                      | 1.383 | 1.215  | 0.200   | -12.1096 | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.762 | 0.664  | 0.200   | -12.8681 | 40.0  |
| Di-n-octyl phthalate          | 1.139 | 1.007  | 0.010   | -11.6399 | 40.0  |
| Benzo (b) fluoranthene        | 1.217 | 1.069  | 0.200   | -12.1332 | 25.0  |
| Benzo (k) fluoranthene        | 1.238 | 1.079  | 0.200   | -12.7869 | 25.0  |
| Benzo (a) pyrene              | 1.151 | 1.006  | 0.200   | -12.6173 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.492 | 1.295  | 0.200   | -13.1902 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.218 | 1.048  | 0.200   | -13.9939 | 30.0  |
| Benzo (g,h,i) perylene        | 1.133 | 0.991  | 0.200   | -12.5017 | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.367 | 0.373  | 0.040   | 1.4597   | 20.0  |
| 1,4-Dioxane-d8                | 0.464 | 0.393  | 0.010   | -15.2315 | 25.0  |
| Pyridine-d5                   | 1.459 | 1.291  | 0.010   | -11.5106 | 40.0  |
| Phenol-d5                     | 1.909 | 1.738  | 0.010   | -8.9656  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.175 | 1.069  | 0.050   | -9.0074  | 25.0  |
| 2-Chlorophenol-d4             | 1.368 | 1.257  | 0.200   | -8.0642  | 20.0  |
| 4-Methylphenol-d8             | 1.590 | 1.479  | 0.010   | -6.9753  | 20.0  |

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Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:14:04

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EPA Sample No.: SSTD020598 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.123 | 0.140  | 0.050      | 13.32    | 20.0  |
| 2-Nitrophenol-d4              | 0.116 | 0.150  | 0.050      | 28.9444  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.337 | 0.345  | 0.060      | 2.2843   | 20.0  |
| 4-Chloroaniline-d4            | 0.489 | 0.437  | 0.010      | -10.6027 | 40.0  |
| Dimethylphthalate-d6          | 1.543 | 1.300  | 0.300      | -15.7224 | 20.0  |
| Acenaphthylene-d8             | 1.750 | 1.523  | 0.400      | -12.9719 | 20.0  |
| 4-Nitrophenol-d4              | 0.216 | 0.211  | 0.010      | -2.2888  | 40.0  |
| Fluorene-d10                  | 1.385 | 1.212  | 0.100      | -12.5127 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.059 | 0.078  | 0.010      | 31.7828  | 40.0  |
| Anthracene-d10                | 0.965 | 0.853  | 0.300      | -11.6203 | 20.0  |
| Pyrene-d10                    | 1.189 | 1.036  | 0.300      | -12.8474 | 25.0  |
| Benzo(a)pyrene-d12            | 1.069 | 0.940  | 0.010      | -12.1067 | 20.0  |

All other compounds must meet a minimum RRF of 0.010.

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Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020599 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.524 | 0.426  | 0.010   | -18.5895 | 40.0  |
| Benzaldehyde                | 1.009 | 1.114  | 0.010   | 10.4714  | 40.0  |
| Pyridine                    | 1.517 | 1.389  | 0.010   | -8.4394  | 40.0  |
| Phenol                      | 2.014 | 1.913  | 0.080   | -5.0275  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.493 | 1.368  | 0.100   | -8.3627  | 20.0  |
| 2-Chlorophenol              | 1.453 | 1.383  | 0.200   | -4.857   | 20.0  |
| 2-Methylphenol              | 1.519 | 1.416  | 0.010   | -6.7471  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.050 | 2.849  | 0.010   | -6.5781  | 40.0  |
| Acetophenone                | 2.532 | 2.327  | 0.060   | -8.1139  | 20.0  |
| 4-Methylphenol              | 1.701 | 1.572  | 0.010   | -7.5551  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.346 | 1.230  | 0.050   | -8.6175  | 30.0  |
| Hexachloroethane            | 0.540 | 0.528  | 0.100   | -2.1796  | 20.0  |
| Nitrobenzene                | 0.351 | 0.368  | 0.050   | 4.8056   | 25.0  |
| Isophorone                  | 0.844 | 0.731  | 0.050   | -13.3154 | 25.0  |
| 2-Nitrophenol               | 0.141 | 0.167  | 0.050   | 18.6531  | 25.0  |
| 2,4-Dimethylphenol          | 0.403 | 0.360  | 0.050   | -10.6072 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.476 | 0.422  | 0.050   | -11.3287 | 20.0  |
| 2,4-Dichlorophenol          | 0.342 | 0.346  | 0.060   | 1.2727   | 20.0  |
| Naphthalene                 | 1.137 | 1.053  | 0.200   | -7.3318  | 20.0  |
| 4-Chloroaniline             | 0.478 | 0.431  | 0.010   | -9.6682  | 40.0  |
| Hexachlorobutadiene         | 0.258 | 0.232  | 0.040   | -10.1356 | 30.0  |
| Caprolactam                 | 0.119 | 0.107  | 0.010   | -10.6945 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.383 | 0.375  | 0.040   | -2.0824  | 25.0  |
| 1-Methylnaphthalene         | 0.811 | 0.779  | 0.100   | -3.9808  | 20.0  |
| 2-Methylnaphthalene         | 0.783 | 0.769  | 0.100   | -1.8774  | 20.0  |
| Hexachlorocyclopentadiene   | 0.254 | 0.256  | 0.010   | 0.9442   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.379 | 0.388  | 0.090   | 2.3222   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.408 | 0.416  | 0.100   | 1.9692   | 25.0  |
| 1,1-Biphenyl                | 1.515 | 1.418  | 0.200   | -6.4354  | 20.0  |
| 2-Chloronaphthalene         | 1.177 | 1.124  | 0.300   | -4.5617  | 20.0  |
| 2-Nitroaniline              | 0.300 | 0.335  | 0.050   | 11.6848  | 40.0  |
| Dimethylphthalate           | 1.548 | 1.362  | 0.300   | -11.9846 | 20.0  |
| 2,6-Dinitrotoluene          | 0.211 | 0.255  | 0.080   | 20.823   | 30.0  |
| Acenaphthylene              | 1.864 | 1.656  | 0.400   | -11.1592 | 20.0  |
| 3-Nitroaniline              | 0.241 | 0.252  | 0.010   | 4.8174   | 40.0  |
| Acenaphthene                | 1.388 | 1.232  | 0.200   | -11.2206 | 20.0  |
| 2,4-Dinitrophenol           | 0.084 | 0.091  | 0.010   | 8.4944   | 40.0  |
| 4-Nitrophenol               | 0.193 | 0.181  | 0.010   | -6.3409  | 40.0  |
| Dibenzofuran                | 1.917 | 1.756  | 0.300   | -8.4285  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020599 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.290 | 0.368  | 0.070   | 27.037   | 30.0  |
| Diethylphthalate              | 1.563 | 1.348  | 0.300   | -13.7414 | 20.0  |
| Fluorene                      | 1.499 | 1.342  | 0.200   | -10.4769 | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.773 | 0.693  | 0.100   | -10.3635 | 20.0  |
| 4-Nitroaniline                | 0.232 | 0.246  | 0.010   | 5.9262   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.068 | 0.091  | 0.010   | 33.1502  | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.549  | 0.050   | -8.4662  | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.653 | 0.632  | 0.100   | -3.2501  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.228 | 0.217  | 0.070   | -4.7194  | 20.0  |
| Hexachlorobenzene             | 0.265 | 0.246  | 0.050   | -7.0471  | 25.0  |
| Atrazine                      | 0.230 | 0.212  | 0.010   | -7.6664  | 25.0  |
| Pentachlorophenol             | 0.140 | 0.135  | 0.010   | -3.2063  | 40.0  |
| Phenanthrene                  | 1.126 | 1.001  | 0.200   | -11.0894 | 20.0  |
| Pentachlorobenzene            | 0.313 | 0.299  | 0.050   | -4.433   | 20.0  |
| Anthracene                    | 1.155 | 1.039  | 0.200   | -10.0583 | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.300 | 0.301  | 0.050   | 0.5982   | 20.0  |
| Carbazole                     | 0.947 | 0.845  | 0.050   | -10.8655 | 40.0  |
| Di-n-butylphthalate           | 1.127 | 1.015  | 0.500   | -9.9665  | 25.0  |
| Fluoranthene                  | 1.344 | 1.194  | 0.400   | -11.1683 | 25.0  |
| Pyrene                        | 1.431 | 1.276  | 0.400   | -10.8506 | 25.0  |
| Butylbenzylphthalate          | 0.494 | 0.452  | 0.100   | -8.5026  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.450 | 0.454  | 0.010   | 0.7831   | 40.0  |
| Benzo (a) anthracene          | 1.465 | 1.313  | 0.300   | -10.3554 | 30.0  |
| Chrysene                      | 1.383 | 1.246  | 0.200   | -9.9056  | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.762 | 0.685  | 0.200   | -10.1727 | 40.0  |
| Di-n-octyl phthalate          | 1.139 | 1.020  | 0.010   | -10.5115 | 40.0  |
| Benzo (b) fluoranthene        | 1.217 | 1.079  | 0.200   | -11.3199 | 25.0  |
| Benzo (k) fluoranthene        | 1.238 | 1.089  | 0.200   | -11.9803 | 25.0  |
| Benzo (a) pyrene              | 1.151 | 1.017  | 0.200   | -11.6372 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.492 | 1.326  | 0.200   | -11.1124 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.218 | 1.068  | 0.200   | -12.3765 | 30.0  |
| Benzo (g,h,i) perylene        | 1.133 | 0.995  | 0.200   | -12.1808 | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.367 | 0.371  | 0.040   | 0.945    | 20.0  |
| Pyridine-d5                   | 1.459 | 1.302  | 0.010   | -10.8008 | 40.0  |
| 1,4-Dioxane-d8                | 0.464 | 0.396  | 0.010   | -14.6355 | 25.0  |
| Phenol-d5                     | 1.909 | 1.786  | 0.010   | -6.4158  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.175 | 1.104  | 0.050   | -6.0817  | 25.0  |
| 2-Chlorophenol-d4             | 1.368 | 1.346  | 0.200   | -1.5504  | 20.0  |
| 4-Methylphenol-d8             | 1.590 | 1.472  | 0.010   | -7.4537  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:00:24

Lab File ID: BG062341.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020599 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.123 | 0.142  | 0.050      | 15.1461  | 20.0  |
| 2-Nitrophenol-d4              | 0.116 | 0.150  | 0.050      | 29.3129  | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.337 | 0.338  | 0.060      | 0.3662   | 20.0  |
| 4-Chloroaniline-d4            | 0.489 | 0.440  | 0.010      | -9.8857  | 40.0  |
| Dimethylphthalate-d6          | 1.543 | 1.330  | 0.300      | -13.7932 | 20.0  |
| Acenaphthylene-d8             | 1.750 | 1.572  | 0.400      | -10.1726 | 20.0  |
| 4-Nitrophenol-d4              | 0.216 | 0.215  | 0.010      | -0.3198  | 40.0  |
| Fluorene-d10                  | 1.385 | 1.237  | 0.100      | -10.6918 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.059 | 0.081  | 0.010      | 36.8001  | 40.0  |
| Anthracene-d10                | 0.965 | 0.876  | 0.300      | -9.2304  | 20.0  |
| Pyrene-d10                    | 1.189 | 1.054  | 0.300      | -11.3653 | 25.0  |
| Benzo(a)pyrene-d12            | 1.069 | 0.964  | 0.010      | -9.7978  | 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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020600 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.524 | 0.428  | 0.010   | -18.3333 | 40.0  |
| Benzaldehyde                | 1.009 | 1.079  | 0.010   | 6.9754   | 40.0  |
| Pyridine                    | 1.517 | 1.369  | 0.010   | -9.7157  | 40.0  |
| Phenol                      | 2.014 | 1.900  | 0.080   | -5.6746  | 20.0  |
| Bis(2-Chloroethyl)ether     | 1.493 | 1.361  | 0.100   | -8.8461  | 20.0  |
| 2-Chlorophenol              | 1.453 | 1.355  | 0.200   | -6.7227  | 20.0  |
| 2-Methylphenol              | 1.519 | 1.373  | 0.010   | -9.6012  | 20.0  |
| 2,2-oxybis(1-Chloropropane) | 3.050 | 2.810  | 0.010   | -7.8573  | 40.0  |
| Acetophenone                | 2.532 | 2.295  | 0.060   | -9.3631  | 20.0  |
| 4-Methylphenol              | 1.701 | 1.582  | 0.010   | -6.9964  | 20.0  |
| N-Nitroso-di-n-propylamine  | 1.346 | 1.213  | 0.050   | -9.8383  | 30.0  |
| Hexachloroethane            | 0.540 | 0.528  | 0.100   | -2.2026  | 20.0  |
| Nitrobenzene                | 0.351 | 0.366  | 0.050   | 4.3171   | 25.0  |
| Isophorone                  | 0.844 | 0.714  | 0.050   | -15.4031 | 25.0  |
| 2-Nitrophenol               | 0.141 | 0.169  | 0.050   | 20.0418  | 25.0  |
| 2,4-Dimethylphenol          | 0.403 | 0.340  | 0.050   | -15.6541 | 25.0  |
| Bis(2-Chloroethoxy)methane  | 0.476 | 0.418  | 0.050   | -12.1615 | 20.0  |
| 2,4-Dichlorophenol          | 0.342 | 0.332  | 0.060   | -2.8489  | 20.0  |
| Naphthalene                 | 1.137 | 1.015  | 0.200   | -10.7051 | 20.0  |
| 4-Chloroaniline             | 0.478 | 0.411  | 0.010   | -13.8917 | 40.0  |
| Hexachlorobutadiene         | 0.258 | 0.233  | 0.040   | -9.8113  | 30.0  |
| Caprolactam                 | 0.119 | 0.102  | 0.010   | -14.3946 | 40.0  |
| 4-Chloro-3-methylphenol     | 0.383 | 0.365  | 0.040   | -4.7498  | 25.0  |
| 1-Methylnaphthalene         | 0.811 | 0.730  | 0.100   | -10.0581 | 20.0  |
| 2-Methylnaphthalene         | 0.783 | 0.742  | 0.100   | -5.2416  | 20.0  |
| Hexachlorocyclopentadiene   | 0.254 | 0.264  | 0.010   | 4.2098   | 40.0  |
| 2,4,6-Trichlorophenol       | 0.379 | 0.379  | 0.090   | 0.0782   | 25.0  |
| 2,4,5-Trichlorophenol       | 0.408 | 0.406  | 0.100   | -0.5825  | 25.0  |
| 1,1-Biphenyl                | 1.515 | 1.367  | 0.200   | -9.7804  | 20.0  |
| 2-Chloronaphthalene         | 1.177 | 1.083  | 0.300   | -8.0407  | 20.0  |
| 2-Nitroaniline              | 0.300 | 0.341  | 0.050   | 13.8551  | 40.0  |
| Dimethylphthalate           | 1.548 | 1.306  | 0.300   | -15.6333 | 20.0  |
| 2,6-Dinitrotoluene          | 0.211 | 0.250  | 0.080   | 18.0862  | 30.0  |
| Acenaphthylene              | 1.864 | 1.596  | 0.400   | -14.3742 | 20.0  |
| 3-Nitroaniline              | 0.241 | 0.252  | 0.010   | 4.7435   | 40.0  |
| Acenaphthene                | 1.388 | 1.197  | 0.200   | -13.7552 | 20.0  |
| 2,4-Dinitrophenol           | 0.084 | 0.104  | 0.010   | 24.3399  | 40.0  |
| 4-Nitrophenol               | 0.193 | 0.176  | 0.010   | -8.6945  | 40.0  |
| Dibenzofuran                | 1.917 | 1.672  | 0.300   | -12.8136 | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020600 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.290 | 0.370  | 0.070   | 27.4824  | 30.0  |
| Diethylphthalate              | 1.563 | 1.292  | 0.300   | -17.3496 | 20.0  |
| Fluorene                      | 1.499 | 1.279  | 0.200   | -14.7029 | 20.0  |
| 4-Chlorophenyl-phenylether    | 0.773 | 0.674  | 0.100   | -12.8597 | 20.0  |
| 4-Nitroaniline                | 0.232 | 0.233  | 0.010   | 0.2671   | 40.0  |
| 4,6-Dinitro-2-methylphenol    | 0.068 | 0.094  | 0.010   | 37.1863  | 40.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.531  | 0.050   | -11.3738 | 20.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.653 | 0.620  | 0.100   | -5.0442  | 20.0  |
| 4-Bromophenyl-phenylether     | 0.228 | 0.211  | 0.070   | -7.4479  | 20.0  |
| Hexachlorobenzene             | 0.265 | 0.239  | 0.050   | -10.0001 | 25.0  |
| Atrazine                      | 0.230 | 0.208  | 0.010   | -9.3183  | 25.0  |
| Pentachlorophenol             | 0.140 | 0.131  | 0.010   | -6.197   | 40.0  |
| Phenanthrene                  | 1.126 | 0.987  | 0.200   | -12.3361 | 20.0  |
| Pentachlorobenzene            | 0.313 | 0.297  | 0.050   | -5.3627  | 20.0  |
| Anthracene                    | 1.155 | 1.007  | 0.200   | -12.8051 | 20.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.300 | 0.297  | 0.050   | -0.9177  | 20.0  |
| Carbazole                     | 0.947 | 0.820  | 0.050   | -13.5083 | 40.0  |
| Di-n-butylphthalate           | 1.127 | 1.009  | 0.500   | -10.5419 | 25.0  |
| Fluoranthene                  | 1.344 | 1.150  | 0.400   | -14.4123 | 25.0  |
| Pyrene                        | 1.431 | 1.226  | 0.400   | -14.3601 | 25.0  |
| Butylbenzylphthalate          | 0.494 | 0.445  | 0.100   | -9.9961  | 40.0  |
| 3,3-Dichlorobenzidine         | 0.450 | 0.449  | 0.010   | -0.1683  | 40.0  |
| Benzo (a) anthracene          | 1.465 | 1.281  | 0.300   | -12.5735 | 30.0  |
| Chrysene                      | 1.383 | 1.210  | 0.200   | -12.5111 | 30.0  |
| Bis(2-ethylhexyl)phthalate    | 0.762 | 0.667  | 0.200   | -12.5181 | 40.0  |
| Di-n-octyl phthalate          | 1.139 | 1.002  | 0.010   | -12.0363 | 40.0  |
| Benzo (b) fluoranthene        | 1.217 | 1.074  | 0.200   | -11.6864 | 25.0  |
| Benzo (k) fluoranthene        | 1.238 | 1.062  | 0.200   | -14.1692 | 25.0  |
| Benzo (a) pyrene              | 1.151 | 1.001  | 0.200   | -13.0467 | 20.0  |
| Indeno (1,2,3-cd) pyrene      | 1.492 | 1.296  | 0.200   | -13.1249 | 25.0  |
| Dibenzo (a,h) anthracene      | 1.218 | 1.062  | 0.200   | -12.7981 | 30.0  |
| Benzo (g,h,i) perylene        | 1.133 | 0.985  | 0.200   | -13.0825 | 30.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.367 | 0.352  | 0.040   | -4.1171  | 20.0  |
| 1,4-Dioxane-d8                | 0.464 | 0.404  | 0.010   | -12.9335 | 25.0  |
| Pyridine-d5                   | 1.459 | 1.298  | 0.010   | -11.0798 | 40.0  |
| Phenol-d5                     | 1.909 | 1.808  | 0.010   | -5.2737  | 25.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.175 | 1.064  | 0.050   | -9.4516  | 25.0  |
| 2-Chlorophenol-d4             | 1.368 | 1.304  | 0.200   | -4.6393  | 20.0  |
| 4-Methylphenol-d8             | 1.590 | 1.451  | 0.010   | -8.7393  | 20.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/9/2024 12:07:58

Lab File ID: BG062351.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020600 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.123 | 0.140  | 0.050      | 13.5492  | 20.0  |
| 2-Nitrophenol-d4              | 0.116 | 0.152  | 0.050      | 30.905   | 30.0  |
| 2,4-Dichlorophenol-d3         | 0.337 | 0.329  | 0.060      | -2.4371  | 20.0  |
| 4-Chloroaniline-d4            | 0.489 | 0.421  | 0.010      | -13.9459 | 40.0  |
| Dimethylphthalate-d6          | 1.543 | 1.279  | 0.300      | -17.1362 | 20.0  |
| Acenaphthylene-d8             | 1.750 | 1.516  | 0.400      | -13.3636 | 20.0  |
| 4-Nitrophenol-d4              | 0.216 | 0.207  | 0.010      | -4.3216  | 40.0  |
| Fluorene-d10                  | 1.385 | 1.194  | 0.100      | -13.8164 | 20.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.059 | 0.082  | 0.010      | 38.4301  | 40.0  |
| Anthracene-d10                | 0.965 | 0.854  | 0.300      | -11.4213 | 20.0  |
| Pyrene-d10                    | 1.189 | 1.020  | 0.300      | -14.2131 | 25.0  |
| Benzo(a)pyrene-d12            | 1.069 | 0.931  | 0.010      | -12.9649 | 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.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020597 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                    | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-----------------------------|-------|--------|---------|----------|-------|
| 1,4-Dioxane                 | 0.524 | 0.452  | 0.010   | -13.6221 | 50.0  |
| Benzaldehyde                | 1.009 | 1.106  | 0.010   | 9.652    | 50.0  |
| Pyridine                    | 1.517 | 1.434  | 0.010   | -5.4718  | 50.0  |
| Phenol                      | 2.014 | 2.012  | 0.080   | -0.1151  | 50.0  |
| Bis(2-Chloroethyl)ether     | 1.493 | 1.445  | 0.100   | -3.2016  | 50.0  |
| 2-Chlorophenol              | 1.453 | 1.428  | 0.200   | -1.7152  | 50.0  |
| 2-Methylphenol              | 1.519 | 1.497  | 0.010   | -1.4643  | 50.0  |
| 2,2-oxybis(1-Chloropropane) | 3.050 | 3.020  | 0.010   | -0.9867  | 50.0  |
| Acetophenone                | 2.532 | 2.530  | 0.060   | -0.0682  | 50.0  |
| 4-Methylphenol              | 1.701 | 1.698  | 0.010   | -0.1901  | 50.0  |
| N-Nitroso-di-n-propylamine  | 1.346 | 1.362  | 0.050   | 1.2261   | 50.0  |
| Hexachloroethane            | 0.540 | 0.548  | 0.100   | 1.5173   | 50.0  |
| Nitrobenzene                | 0.351 | 0.398  | 0.050   | 13.5686  | 50.0  |
| Isophorone                  | 0.844 | 0.806  | 0.050   | -4.4121  | 50.0  |
| 2-Nitrophenol               | 0.141 | 0.190  | 0.050   | 34.8974  | 50.0  |
| 2,4-Dimethylphenol          | 0.403 | 0.357  | 0.050   | -11.2574 | 50.0  |
| Bis(2-Chloroethoxy)methane  | 0.476 | 0.462  | 0.050   | -2.9573  | 50.0  |
| 2,4-Dichlorophenol          | 0.342 | 0.360  | 0.060   | 5.4478   | 50.0  |
| Naphthalene                 | 1.137 | 1.089  | 0.200   | -4.251   | 50.0  |
| 4-Chloroaniline             | 0.478 | 0.448  | 0.010   | -6.2322  | 50.0  |
| Hexachlorobutadiene         | 0.258 | 0.255  | 0.040   | -1.2003  | 50.0  |
| Caprolactam                 | 0.119 | 0.119  | 0.010   | -0.4812  | 50.0  |
| 4-Chloro-3-methylphenol     | 0.383 | 0.416  | 0.040   | 8.6548   | 50.0  |
| 1-Methylnaphthalene         | 0.811 | 0.834  | 0.100   | 2.7477   | 50.0  |
| 2-Methylnaphthalene         | 0.783 | 0.823  | 0.100   | 5.0316   | 50.0  |
| Hexachlorocyclopentadiene   | 0.254 | 0.293  | 0.010   | 15.563   | 50.0  |
| 2,4,6-Trichlorophenol       | 0.379 | 0.397  | 0.090   | 4.7089   | 50.0  |
| 2,4,5-Trichlorophenol       | 0.408 | 0.433  | 0.100   | 6.1419   | 50.0  |
| 1,1-Biphenyl                | 1.515 | 1.437  | 0.200   | -5.19    | 50.0  |
| 2-Chloronaphthalene         | 1.177 | 1.120  | 0.300   | -4.8643  | 50.0  |
| 2-Nitroaniline              | 0.300 | 0.354  | 0.050   | 18.0718  | 50.0  |
| Dimethylphthalate           | 1.548 | 1.396  | 0.300   | -9.8521  | 50.0  |
| 2,6-Dinitrotoluene          | 0.211 | 0.267  | 0.080   | 26.1782  | 50.0  |
| Acenaphthylene              | 1.864 | 1.696  | 0.400   | -9.0126  | 50.0  |
| 3-Nitroaniline              | 0.241 | 0.260  | 0.010   | 8.187    | 50.0  |
| Acenaphthene                | 1.388 | 1.265  | 0.200   | -8.8858  | 50.0  |
| 2,4-Dinitrophenol           | 0.084 | 0.108  | 0.010   | 29.074   | 50.0  |
| 4-Nitrophenol               | 0.193 | 0.189  | 0.010   | -2.0993  | 50.0  |
| Dibenzofuran                | 1.917 | 1.758  | 0.300   | -8.3339  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020597 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN RRF | %D       | MAX%D |
|-------------------------------|-------|--------|---------|----------|-------|
| 2,4-Dinitrotoluene            | 0.290 | 0.383  | 0.070   | 32.2397  | 50.0  |
| Diethylphthalate              | 1.563 | 1.362  | 0.300   | -12.8962 | 50.0  |
| Fluorene                      | 1.499 | 1.358  | 0.200   | -9.4137  | 50.0  |
| 4-Chlorophenyl-phenylether    | 0.773 | 0.704  | 0.100   | -8.8934  | 50.0  |
| 4-Nitroaniline                | 0.232 | 0.242  | 0.010   | 4.4164   | 50.0  |
| 4,6-Dinitro-2-methylphenol    | 0.068 | 0.098  | 0.010   | 43.8287  | 50.0  |
| N-Nitrosodiphenylamine        | 0.599 | 0.568  | 0.050   | -5.2269  | 50.0  |
| 1,2,4,5-Tetrachlorobenzene    | 0.653 | 0.649  | 0.100   | -0.6159  | 50.0  |
| 4-Bromophenyl-phenylether     | 0.228 | 0.223  | 0.070   | -1.9612  | 50.0  |
| Hexachlorobenzene             | 0.265 | 0.248  | 0.050   | -6.309   | 50.0  |
| Atrazine                      | 0.230 | 0.222  | 0.010   | -3.4565  | 50.0  |
| Pentachlorophenol             | 0.140 | 0.151  | 0.010   | 8.2818   | 50.0  |
| Phenanthrene                  | 1.126 | 1.035  | 0.200   | -8.0396  | 50.0  |
| Pentachlorobenzene            | 0.313 | 0.308  | 0.050   | -1.8025  | 50.0  |
| Anthracene                    | 1.155 | 1.061  | 0.200   | -8.1814  | 50.0  |
| 1,2,3,4-Tetrachlorobenzene    | 0.300 | 0.309  | 0.050   | 3.1529   | 50.0  |
| Carbazole                     | 0.947 | 0.893  | 0.050   | -5.7824  | 50.0  |
| Di-n-butylphthalate           | 1.127 | 1.074  | 0.500   | -4.7117  | 50.0  |
| Fluoranthene                  | 1.344 | 1.232  | 0.400   | -8.3563  | 50.0  |
| Pyrene                        | 1.431 | 1.324  | 0.400   | -7.4731  | 50.0  |
| Butylbenzylphthalate          | 0.494 | 0.476  | 0.100   | -3.5765  | 50.0  |
| 3,3-Dichlorobenzidine         | 0.450 | 0.469  | 0.010   | 4.1026   | 50.0  |
| Benzo (a) anthracene          | 1.465 | 1.363  | 0.300   | -6.9153  | 50.0  |
| Chrysene                      | 1.383 | 1.294  | 0.200   | -6.4132  | 50.0  |
| Bis(2-ethylhexyl)phthalate    | 0.762 | 0.714  | 0.200   | -6.308   | 50.0  |
| Di-n-octyl phthalate          | 1.139 | 1.045  | 0.010   | -8.2611  | 50.0  |
| Benzo (b) fluoranthene        | 1.217 | 1.140  | 0.200   | -6.3241  | 50.0  |
| Benzo (k) fluoranthene        | 1.238 | 1.121  | 0.200   | -9.4394  | 50.0  |
| Benzo (a) pyrene              | 1.151 | 1.061  | 0.200   | -7.8231  | 50.0  |
| Indeno (1,2,3-cd) pyrene      | 1.492 | 1.363  | 0.200   | -8.6422  | 50.0  |
| Dibenzo (a,h) anthracene      | 1.218 | 1.102  | 0.200   | -9.5605  | 50.0  |
| Benzo (g,h,i) perylene        | 1.133 | 1.028  | 0.200   | -9.2527  | 50.0  |
| 2,3,4,6-Tetrachlorophenol     | 0.367 | 0.386  | 0.040   | 5.0245   | 50.0  |
| 1,4-Dioxane-d8                | 0.464 | 0.412  | 0.010   | -11.084  | 50.0  |
| Pyridine-d5                   | 1.459 | 1.388  | 0.010   | -4.8775  | 50.0  |
| Phenol-d5                     | 1.909 | 1.899  | 0.010   | -0.5346  | 50.0  |
| Bis- (2-Chloroethyl) ether-d8 | 1.175 | 1.153  | 0.050   | -1.8638  | 50.0  |
| 2-Chlorophenol-d4             | 1.368 | 1.372  | 0.200   | 0.2843   | 50.0  |
| 4-Methylphenol-d8             | 1.590 | 1.547  | 0.010   | -2.6805  | 50.0  |

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

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

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG No.: BG080824

Instrument ID: BNA\_G Calibration Date/Time: 8/8/2024 12:09:20

Lab File ID: BG062326.D Init. Calib. Date(s): \_\_\_\_\_

EPA Sample No.: SSTD020597 Init. Calib. Time(s): \_\_\_\_\_

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

| COMPOUND                      | RRF   | RRFCAL | MIN<br>RRF | %D       | MAX%D |
|-------------------------------|-------|--------|------------|----------|-------|
| Nitrobenzene-d5               | 0.123 | 0.155  | 0.050      | 25.3251  | 50.0  |
| 2-Nitrophenol-d4              | 0.116 | 0.168  | 0.050      | 44.5646  | 50.0  |
| 2,4-Dichlorophenol-d3         | 0.337 | 0.350  | 0.060      | 3.9967   | 50.0  |
| 4-Chloroaniline-d4            | 0.489 | 0.474  | 0.010      | -3.1053  | 50.0  |
| Dimethylphthalate-d6          | 1.543 | 1.372  | 0.300      | -11.1088 | 50.0  |
| Acenaphthylene-d8             | 1.750 | 1.581  | 0.400      | -9.6349  | 50.0  |
| 4-Nitrophenol-d4              | 0.216 | 0.224  | 0.010      | 3.7753   | 50.0  |
| Fluorene-d10                  | 1.385 | 1.258  | 0.100      | -9.1702  | 50.0  |
| 4,6-Dinitro-2-methylphenol-d2 | 0.059 | 0.087  | 0.010      | 47.4257  | 50.0  |
| Anthracene-d10                | 0.965 | 0.893  | 0.300      | -7.4603  | 50.0  |
| Pyrene-d10                    | 1.189 | 1.096  | 0.300      | -7.8342  | 50.0  |
| Benzo(a)pyrene-d12            | 1.069 | 0.983  | 0.010      | -8.0498  | 50.0  |

All other compounds must meet a minimum RRF of 0.010.

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK446        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BL     | 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 |
| BG062313.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK446        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BL     | 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 |
| BG062313.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK446                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BL             | 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 |
| BG062313.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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              | 5.398  |           | 15-120 |     | 67         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 24.37  |           | 20-120 |     | 61         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.597 |           | 10-130 |     | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.555 |           | 25-120 |     | 66         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.93  |           | 20-130 |     | 65         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.576 |           | 25-125 |     | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.796 |           | 20-125 |     | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 37.986 |           | 20-130 |     | 95         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.44  |           | 20-120 |     | 69         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.788 |           | 1-146  |     | 64         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.07  |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.315 |           | 10-130 |     | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 24.044 |           | 10-150 |     | 60         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.62  |           | 25-125 |     | 64         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK446                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BL             | 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 |
| BG062313.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 30.583 |           | 10-130 |     | 76         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.733 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.768 |           | 15-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.205 |           | 20-130 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 60872  | 7.961     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 279657 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 229487 | 14.576    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 483647 | 17.313    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 476843 | 21.554    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 556069 | 24.644    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062314.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062314.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062314.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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              | 4.289  |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.591 |           | 20-120 |     | 56         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 22.679 |           | 10-130 |     | 57         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.878 |           | 25-120 |     | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.681 |           | 20-130 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.311 |           | 25-125 |     | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.745 |           | 20-125 |     | 74         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 30.627 |           | 20-130 |     | 77         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 23.718 |           | 20-120 |     | 59         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.308 |           | 1-146  |     | 56         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.226 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.966 |           | 10-130 |     | 62         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 13.64  |           | 10-150 |     | 34         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.242 |           | 25-125 |     | 63         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062314.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 16.178 |           | 10-130 |     | 40         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.708 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.812 |           | 15-130 |     | 70         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.015 |           | 20-130 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 13744  | 7.963     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 52074  | 10.753    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 35186  | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 71675  | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 71384  | 21.55     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 74156  | 24.634    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-01              | 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 |
| BG062315.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-01              | 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 |
| BG062315.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-01              | 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 |
| BG062315.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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              | 5.651  |           | 15-120 |     | 71         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.224 |           | 20-120 |     | 38         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 15.311 |           | 10-130 |     | 38         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 20.711 |           | 25-120 |     | 52         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 20.344 |           | 20-130 |     | 51         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.532 |           | 25-125 |     | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 25.628 |           | 20-125 |     | 64         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 28.285 |           | 20-130 |     | 71         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 21.87  |           | 20-120 |     | 55         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.505 |           | 1-146  |     | 51         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.148 |           | 25-130 |     | 53         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 21.195 |           | 10-130 |     | 53         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 11.407 |           | 10-150 |     | 29         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.548 |           | 25-125 |     | 54         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-01              | 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 |
| BG062315.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 14.201 |           | 10-130 |     | 36         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 22.713 |           | 25-130 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.904 |           | 15-130 |     | 57         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.366 |           | 20-130 |     | 58         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 56877  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 269439 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 219848 | 14.578    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 472370 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 472445 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 547821 | 24.647    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 2.8    | J         |        |     | 11.482     |          |
|                                       | unknown-01                    | 18     | J         |        |     | 14.801     |          |
| E966796                               | Total Alkanes                 | 1      | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T9                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-02               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062316.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T9                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-02               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062316.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T9                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-02               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062316.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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              | 4.046  |           | 15-120 |     | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 11.086 |           | 20-120 |     | 28         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 12.267 |           | 10-130 |     | 31         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.93  |           | 25-120 |     | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.191 |           | 20-130 |     | 33         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.451 |           | 25-125 |     | 31         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15.697 |           | 20-125 |     | 39         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.695 |           | 20-130 |     | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 13.661 |           | 20-120 |     | 34         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 12.947 |           | 1-146  |     | 32         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.572 |           | 25-130 |     | 31         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 12.692 |           | 10-130 |     | 32         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.164  |           | 10-150 |     | 23         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.819 |           | 25-125 |     | 32         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T9                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-02               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062316.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 10.695 |           | 10-130 |     | 27         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 13.333 |           | 25-130 |     | 33         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 13.321 |           | 15-130 |     | 33         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 13.134 |           | 20-130 |     | 33         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 68948  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 317005 | 10.749    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 263337 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 562019 | 17.316    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 559000 | 21.552    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 648089 | 24.642    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM   |
| Client Sample ID:  | E05W2                  | SDG No.:        | BG080824                |
| Lab Sample ID:     | P3437-03               | 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 |
| BG062317.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W2                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-03               | 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 |
| BG062317.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W2                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-03               | 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 |
| BG062317.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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              | 4.36   |           | 15-120 |     | 55         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.939  |           | 20-120 |     | 22         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.166  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.872 |           | 25-120 |     | 57         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.12  |           | 20-130 |     | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.788 |           | 25-125 |     | 44         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.633 |           | 20-125 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 31.654 |           | 20-130 |     | 79         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.38  |           | 20-120 |     | 66         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.303 |           | 1-146  |     | 58         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.663 |           | 25-130 |     | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.909 |           | 10-130 |     | 57         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.348  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 23.586 |           | 25-125 |     | 59         | SPK: -40 |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W2          | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-03       | 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 |
| BG062317.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 28.024 |           | 10-130 |     | 70         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 24.592 |           | 25-130 |     | 61         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 25.349 |           | 15-130 |     | 63         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 24.916 |           | 20-130 |     | 62         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 57987  | 7.96      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 267542 | 10.75     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 213783 | 14.574    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 457164 | 17.312    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 449779 | 21.553    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 522729 | 24.637    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 2.3    | J         |        |     | 3.683      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 4.9    | J         |        |     | 11.485     |          |
|                                       | unknown-02                         | 20     | J         |        |     | 14.804     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 5.9    | J         |        |     | 18.217     |          |
|                                       | (DEL) Alkane: Straight-Chain21.230 | 3.7    | J         |        |     | 21.23      |          |
| 007683-64-9                           | Supraene                           | 2.4    | J         |        |     | 23.227     |          |
| E966796                               | Total Alkanes                      | 3.7    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM   |
| Client Sample ID:  | E05W4                  | SDG No.:        | BG080824                |
| Lab Sample ID:     | P3437-04               | Matrix:         | Water                   |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                     |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL            |
| Soil Aliquot Vol:  | uL                     | Test:           |                         |
| Extraction Type :  |                        | Decanted :      | Level :      LOW        |
| Injection Volume : |                        | GPC Factor :    | GPC Cleanup :      PH : |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062318.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062318.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062318.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.801  |           | 15-120 |     | 48         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 8.514  |           | 20-120 |     | 21         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.865  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.291 |           | 25-120 |     | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.381 |           | 20-130 |     | 48         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.239 |           | 25-125 |     | 38         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.373 |           | 20-125 |     | 58         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.516 |           | 20-130 |     | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 22.791 |           | 20-120 |     | 57         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.435 |           | 1-146  |     | 49         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 21.027 |           | 25-130 |     | 53         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.682 |           | 10-130 |     | 49         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.239  |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 21.106 |           | 25-125 |     | 53         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-04               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062318.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 25.842 |           | 10-130 |     | 65         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 22.773 |           | 25-130 |     | 57         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 23.507 |           | 15-130 |     | 59         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 23.876 |           | 20-130 |     | 60         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 72641  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 333768 | 10.754    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 270827 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 569869 | 17.316    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 553493 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 637643 | 24.647    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 004254-15-3                           | (S)-(+)-1,2-Propanediol            | 2.9    | J         |        |     | 3.681      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 4.8    | J         |        |     | 11.483     |          |
|                                       | unknown-01                         | 16     | J         |        |     | 14.808     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 7.9    | J         |        |     | 18.221     |          |
| 001002-84-2                           | Pentadecanoic acid                 | 2.6    | J         |        |     | 19.49      |          |
|                                       | (DEL) Alkane: Straight-Chain21.234 | 4.3    | J         |        |     | 21.234     |          |
| 007683-64-9                           | Supraene                           | 3      | J         |        |     | 23.232     |          |
| E966796                               | Total Alkanes                      | 4.3    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W5      | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-05   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062319.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W5                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-05               | 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 |
| BG062319.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W5                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-05               | 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 |
| BG062319.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.763  |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.359  | *         | 20-120 |     | 13         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.305  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.73  |           | 25-120 |     | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.621 |           | 20-130 |     | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.035 |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.949 |           | 20-125 |     | 77         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 36.696 |           | 20-130 |     | 92         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.959 |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.565 |           | 1-146  |     | 34         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.668 |           | 25-130 |     | 64         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 24.196 |           | 10-130 |     | 60         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 8.216  |           | 10-150 |     | 21         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.443 |           | 25-125 |     | 64         | SPK: -40 |

## Report of Analysis

|                    |           |                 |                       |
|--------------------|-----------|-----------------|-----------------------|
| Client:            |           | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |           | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W5     | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-05  | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      | Units:          | mL                    |
| Soil Aliquot Vol:  |           | Final Vol:      | 1000                  |
|                    |           | Test:           | uL                    |
| Extraction Type :  |           | Level :         | LOW                   |
| Decanted :         |           |                 |                       |
| Injection Volume : |           | GPC Factor :    |                       |
|                    |           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062319.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 37.325 |           | 10-130 |     | 93         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 27.711 |           | 25-130 |     | 69         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 29.265 |           | 15-130 |     | 73         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 29.333 |           | 20-130 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 66261  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 304225 | 10.754    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 250975 | 14.578    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 527006 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 511306 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 598240 | 24.641    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 7.2    | J         |        |     | 18.22      |          |
| 000645-72-7                           | 1-Hexadecanol, 3,7,11,15-tetrameth | 2.7    | J         |        |     | 19.019     |          |
| 000057-11-4                           | Octadecanoic acid                  | 3.1    | J         |        |     | 19.489     |          |
| 1000282-98-2                          | Dichloroacetic acid, heptadecyl es | 2.3    | J         |        |     | 21.234     |          |
| 1000426-96-0                          | (4E,8E,13E)-1-(2-Hydroxyethyl)-1,5 | 2.3    | J         |        |     | 22.526     |          |
| 006422-86-2                           | 1,4-Benzenedicarboxylic acid, bis( | 3      | J         |        |     | 22.72      |          |
| 1000377-93-5                          | Phthalic acid, di(2-propylpentyl)  | 8.7    | J         |        |     | 23.231     |          |
|                                       | unknown-01                         | 2.7    | J         |        |     | 30.039     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X9                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-12              | 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 |
| BG062320.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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                 | 2.5   | J         | 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   | J         | 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X9                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-12              | 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 |
| BG062320.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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               | 1.6   | J         | 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X9                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-12              | 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 |
| BG062320.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| 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              | 4.453  |           | 15-120 |     | 56         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.327  |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 8.326  |           | 10-130 |     | 21         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.275 |           | 25-120 |     | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.553 |           | 20-130 |     | 56         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 16.473 |           | 25-125 |     | 41         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.508 |           | 20-125 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.114 |           | 20-130 |     | 80         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.679 |           | 20-120 |     | 64         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.586 |           | 1-146  |     | 49         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.453 |           | 25-130 |     | 61         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.887 |           | 10-130 |     | 57         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.95   |           | 10-150 |     | 20         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.96  |           | 25-125 |     | 62         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X9      | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-12   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062320.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 29.551 |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.601 |           | 25-130 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 26.982 |           | 15-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 27.248 |           | 20-130 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 52835  | 7.961     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 243136 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 198362 | 14.576    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 441042 | 17.313    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 429566 | 21.554    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 500645 | 24.638    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 5.9    | J         |        |     | 11.486     |          |
| 000134-62-3                           | Diethyltoluamide                   | 17     | J         |        |     | 15.316     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 10     | J         |        |     | 18.218     |          |
| 000057-11-4                           | Octadecanoic acid                  | 2.4    | J         |        |     | 19.486     |          |
|                                       | (DEL) Alkane: Cyclic21.231         | 6.4    | J         |        |     | 21.231     |          |
|                                       | unknown-01                         | 3.3    | J         |        |     | 22.659     |          |
| 000137-89-3                           | 1,3-Benzenedicarboxylic acid, bis( | 2.2    | J         |        |     | 22.717     |          |
|                                       | unknown-02                         | 3.8    | J         |        |     | 23.229     |          |
|                                       | unknown-03                         | 3.1    | J         |        |     | 30.031     |          |
| E966796                               | Total Alkanes                      | 6.4    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-06               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062321.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-06               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062321.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-06               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062321.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.177  |           | 15-120 |     | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 7.54   | *         | 20-120 |     | 19         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.215  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 12.817 |           | 25-120 |     | 32         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.997 |           | 20-130 |     | 35         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.66  |           | 25-125 |     | 29         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 15     |           | 20-125 |     | 38         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 17.478 |           | 20-130 |     | 44         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.24  |           | 20-120 |     | 36         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.216 |           | 1-146  |     | 46         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 12.77  |           | 25-130 |     | 32         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 11.902 |           | 10-130 |     | 30         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 5.923  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 12.496 |           | 25-125 |     | 31         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-06               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062321.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                         | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-----------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2     | 15.477 |           | 10-130 |     | 39         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                    | 13.973 |           | 25-130 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                        | 14.478 |           | 15-130 |     | 36         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                | 14.519 |           | 20-130 |     | 36         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                   |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4            | 66749  | 7.956     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                    | 308939 | 10.752    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                  | 242338 | 14.576    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                  | 512665 | 17.314    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                      | 496541 | 21.555    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                      | 572188 | 24.639    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                   |        |           |        |     |            |          |
| 001119-40-0                           | Pentanedioic acid, dimethyl ester | 2.1    | J         |        |     | 9.671      |          |
| 006180-61-6                           | 1-Propanol, 3-phenoxy-            | 6.4    | J         |        |     | 11.486     |          |
|                                       | unknown-01                        | 15     | J         |        |     | 14.805     |          |
| 000057-10-3                           | n-Hexadecanoic acid               | 8.9    | J         |        |     | 18.218     |          |
| 000057-11-4                           | Octadecanoic acid                 | 2.7    | J         |        |     | 19.487     |          |
| 079392-43-1                           | Octadecyl trifluoroacetate        | 7.5    | J         |        |     | 21.232     |          |
| 007683-64-9                           | Supraene                          | 2.1    | J         |        |     | 23.229     |          |
| E966796                               | Total Alkanes                     | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MS        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-07MS     | 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 |
| BG062322.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 3.2   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 15    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 9.4   | J         | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 6     | J         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 13    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 14    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 13    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 12    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 13    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 12    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 13    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 13    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 15    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 13    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 17    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 14    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 13    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 15    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 13    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 20    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 12    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.5   | J         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 17    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 13    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 14    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 11    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 15    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 16    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MS                | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-07MS             | 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 |
| BG062322.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 13    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 13    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 19    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 14    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 18    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 13    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 24    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 13    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 19    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 7.5   | J         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 13    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 19    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 13    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 13    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 14    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 22    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 21    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 14    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 14    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 14    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 14    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 14    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 16    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 14    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 13    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 14    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 14    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 15    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 15    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 14    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MS                | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-07MS             | 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 |
| BG062322.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 14     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 15     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 11     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 14     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 14     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 15     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 15     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 14     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 14     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 13     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 14     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 14     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 14     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 16     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.75   |           | 15-120 |     | 47         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.719  |           | 20-120 |     | 24         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 5.885  |           | 10-130 |     | 15         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.329 |           | 25-120 |     | 36         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.054 |           | 20-130 |     | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.587 |           | 25-125 |     | 29         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.148 |           | 20-125 |     | 43         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.861 |           | 20-130 |     | 50         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 16.29  |           | 20-120 |     | 41         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 22.65  |           | 1-146  |     | 57         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 14.296 |           | 25-130 |     | 36         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.413 |           | 10-130 |     | 34         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.86   |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 13.881 |           | 25-125 |     | 35         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MS                | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-07MS             | 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 |
| BG062322.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 22.36  |           | 10-130 |     | 56         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 14.544 |           | 25-130 |     | 36         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 14.858 |           | 15-130 |     | 37         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 14.648 |           | 20-130 |     | 37         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 70837  | 7.956     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 316777 | 10.752    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 244148 | 14.576    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 521039 | 17.314    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 513905 | 21.555    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 592908 | 24.645    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MSD       | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-08MSD    | 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 |
| BG062323.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 4.1   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 17    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 11    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 6.9   | J         | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 15    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 16    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 15    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 14    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 15    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 14    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 15    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 15    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 17    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 15    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 19    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 16    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 15    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 17    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 14    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 22    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 13    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 4.8   | J         | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 19    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 15    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 15    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 13    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 17    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 18    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MSD       | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-08MSD    | 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 |
| BG062323.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 15    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 15    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 21    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 15    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 14    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 14    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 22    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 8.4   | J         | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 15    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 22    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 15    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 15    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 15    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 25    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 24    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 16    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 15    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 16    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 16    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 16    |           | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 18    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 16    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 15    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 15    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 15    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 16    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 17    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 16    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MSD               | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-08MSD            | 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 |
| BG062323.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 16     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 17     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 12     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 16     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 16     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 17     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 16     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 16     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 16     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 15     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 15     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 15     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 16     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 17     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.011  |           | 15-120 |     | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 10.503 |           | 20-120 |     | 26         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.534  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 16.283 |           | 25-120 |     | 41         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 17.421 |           | 20-130 |     | 44         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.674 |           | 25-125 |     | 34         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 19.584 |           | 20-125 |     | 49         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 22.235 |           | 20-130 |     | 56         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 18.19  |           | 20-120 |     | 45         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 25.89  |           | 1-146  |     | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.795 |           | 25-130 |     | 39         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 14.952 |           | 10-130 |     | 37         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.637  |           | 10-150 |     | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 15.364 |           | 25-125 |     | 38         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05W7MSD               | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-08MSD            | 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 |
| BG062323.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 24.393 |           | 10-130 |     | 61         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 16.189 |           | 25-130 |     | 40         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 16.568 |           | 15-130 |     | 41         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 16.603 |           | 20-130 |     | 42         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 59939  | 7.957     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 276507 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 214428 | 14.578    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 454270 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 448651 | 21.557    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 517567 | 24.641    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS446        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BS     | 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 |
| BG062324.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 9.1   |           | 1.2  | 0.5 | 2          | ug/L  |
| 110-86-1       | Pyridine                    | 25    |           | 2.2  | 10  | 10         | ug/L  |
| 100-52-7       | Benzaldehyde                | 27    |           | 2.3  | 5   | 10         | ug/L  |
| 108-95-2       | Phenol                      | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 27    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 28    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 33    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 38    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 23    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 28    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 27    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 23    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 29    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 28    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 29    |           | 1.6  | 2.5 | 5          | ug/L  |
| 77-47-4        | Hexachlorocyclopentadiene   | 30    |           | 3.1  | 5   | 10         | ug/L  |
| 88-06-2        | 2,4,6-Trichlorophenol       | 27    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 28    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS446        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BS     | 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 |
| BG062324.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 35    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 37    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 28    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 33    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 42    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 27    |           | 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           | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 45    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 2.9   | J         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 25    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 27    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 27    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 29    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 28    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 27    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS446                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162446BS             | 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 |
| BG062324.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 27     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 29     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 31     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 28     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 28     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 28     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 29     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 26     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.495  |           | 15-120 |     | 69         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 24.32  |           | 20-120 |     | 61         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.403 |           | 10-130 |     | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.617 |           | 25-120 |     | 69         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 28.041 |           | 20-130 |     | 70         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.798 |           | 25-125 |     | 69         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.789 |           | 20-125 |     | 87         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 41.457 |           | 20-130 |     | 104        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.897 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.436 |           | 1-146  |     | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.737 |           | 25-130 |     | 64         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.109 |           | 10-130 |     | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 30.785 |           | 10-150 |     | 77         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.404 |           | 25-125 |     | 66         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM         |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM         |
| Client Sample ID:  | SLCS446                | SDG No.:        | BG080824                     |
| Lab Sample ID:     | PB162446BS             | 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 |
| BG062324.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162446      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 46.832 |           | 10-130 |     | 117        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.966 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.074 |           | 15-130 |     | 68         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.034 |           | 20-130 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 69653  | 7.96      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 326631 | 10.75     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 255269 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 542768 | 17.318    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 540182 | 21.559    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 616474 | 24.643    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/25/2024 12:00:00 AM |
| Client Sample ID:  | SLCS305                | SDG No.:        | BG080824              |
| Lab Sample ID:     | PB162305BS             | 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 |
| BG062325.D        | 1         | 7/25/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162305      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.4   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 27    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 24    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 28    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 27    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 95-48-7        | 2-Methylphenol              | 27    |           | 0.82 | 5   | 10         | ug/L  |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 27    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 27    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 28    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 28    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 29    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 32    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 37    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 21    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 29    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 27    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 22    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 27    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 28    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 30    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 28    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 29    |           | 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       | 27    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 28    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/25/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/25/2024 12:00:00 AM |
| Client Sample ID:  | SLCS305        | SDG No.:        | BG080824              |
| Lab Sample ID:     | PB162305BS     | 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 |
| BG062325.D        | 1         | 7/25/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162305      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 35    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 38    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 43    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 26    |           | 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           | 25    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 28    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 2.6   | J         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 24    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 28    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 28    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 27    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 29    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 28    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 28    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/25/2024 12:00:00 AM |
| Client Sample ID:  | SLCS305                | SDG No.:        | BG080824              |
| Lab Sample ID:     | PB162305BS             | 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 |
| BG062325.D        | 1         | 7/25/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162305      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 28     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 29     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 28     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 28     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 28     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 28     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 29     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 25     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.455  |           | 15-120 |     | 68         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.063 |           | 20-120 |     | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.445 |           | 10-130 |     | 71         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 27.512 |           | 25-120 |     | 69         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.738 |           | 20-130 |     | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.377 |           | 25-125 |     | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.418 |           | 20-125 |     | 86         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 41.254 |           | 20-130 |     | 103        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.821 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.176 |           | 1-146  |     | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.979 |           | 25-130 |     | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.36  |           | 10-130 |     | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 30.647 |           | 10-150 |     | 77         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.658 |           | 25-125 |     | 67         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/25/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/25/2024 12:00:00 AM |
| Client Sample ID:  | SLCS305                | SDG No.:        | BG080824              |
| Lab Sample ID:     | PB162305BS             | 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 |
| BG062325.D        | 1         | 7/25/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162305      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 48.211 |           | 10-130 |     | 121        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.589 |           | 25-130 |     | 66         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.683 |           | 15-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.354 |           | 20-130 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 69613  | 7.959     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 325891 | 10.749    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 252609 | 14.574    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 525666 | 17.317    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 514596 | 21.558    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 582714 | 24.642    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK451        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BL     | 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 |
| BG062329.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK451        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BL     | 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 |
| BG062329.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK451        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BL     | 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 |
| BG062329.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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              | 5.673  |           | 15-120 |     | 71         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 28.034 |           | 20-120 |     | 70         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 29.055 |           | 10-130 |     | 73         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.837 |           | 25-120 |     | 72         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.118 |           | 20-130 |     | 73         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 28.823 |           | 25-125 |     | 72         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 36.423 |           | 20-125 |     | 91         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 42.376 |           | 20-130 |     | 106        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 30.635 |           | 20-120 |     | 77         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 28.358 |           | 1-146  |     | 71         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.865 |           | 25-130 |     | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.277 |           | 10-130 |     | 71         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 28.987 |           | 10-150 |     | 72         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.714 |           | 25-125 |     | 72         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK451                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BL             | 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 |
| BG062329.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.57  |           | 10-130 |     | 84         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.765 |           | 25-130 |     | 72         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.879 |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.618 |           | 20-130 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 60889  | 7.959     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 279358 | 10.749    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 229702 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 503295 | 17.317    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 509014 | 21.552    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 596020 | 24.642    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 24.742 | 2.4       | J      |     | 24.742     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 25.828 | 2.8       | J      |     | 25.828     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 27.139 | 2.9       | J      |     | 27.139     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 28.725 | 2.6       | J      |     | 28.725     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 30.628 | 2.2       | J      |     | 30.628     |          |
| E966796                               | Total Alkanes                 | 13     |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062330.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062330.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062330.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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              | 5.087  |           | 15-120 |     | 64         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 25.646 |           | 20-120 |     | 64         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.964 |           | 10-130 |     | 67         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.763 |           | 25-120 |     | 64         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.724 |           | 20-130 |     | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.813 |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.67  |           | 20-125 |     | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 38.252 |           | 20-130 |     | 96         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.701 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.68  |           | 1-146  |     | 67         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.349 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.487 |           | 10-130 |     | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.466 |           | 10-150 |     | 64         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.099 |           | 25-125 |     | 65         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062330.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 29.661 |           | 10-130 |     | 74         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.994 |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.838 |           | 15-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.462 |           | 20-130 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 53586  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 248517 | 10.754    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 215614 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 468467 | 17.31     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 474320 | 21.552    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 555689 | 24.636    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X2                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-09              | 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 |
| BG062331.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X2                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-09              | 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 |
| BG062331.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X2                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-09              | 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 |
| BG062331.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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              | 3.503  |           | 15-120 |     | 44         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 5.918  | *         | 20-120 |     | 15         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.354  |           | 10-130 |     | 16         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.24  |           | 25-120 |     | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 18.656 |           | 20-130 |     | 47         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 12.985 |           | 25-125 |     | 32         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.836 |           | 20-125 |     | 57         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 26.436 |           | 20-130 |     | 66         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 20.653 |           | 20-120 |     | 52         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 15.577 |           | 1-146  |     | 39         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.562 |           | 25-130 |     | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 18.414 |           | 10-130 |     | 46         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.155  |           | 10-150 |     | 15         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 19.445 |           | 25-125 |     | 49         | SPK: -40 |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X2      | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-09   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 990        | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000 uL               |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062331.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 27.72  |           | 10-130 |     | 69         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 21.122 |           | 25-130 |     | 53         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 22.761 |           | 15-130 |     | 57         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 22.939 |           | 20-130 |     | 57         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 71545  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 344671 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 272748 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 562422 | 17.31     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 554776 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 620727 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000067-63-0                           | Isopropyl Alcohol             | 4.5    | J         |        |     | 3.681      |          |
| 000111-90-0                           | Ethanol, 2-(2-ethoxyethoxy)-  | 4.6    | J         |        |     | 7.547      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 11     | J         |        |     | 11.483     |          |
|                                       | unknown-01                    | 79     | J         |        |     | 14.808     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 13     | J         |        |     | 18.215     |          |
| 000057-11-4                           | Octadecanoic acid             | 2.8    | J         |        |     | 19.484     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 21.228 | J         |        |     | 21.228     |          |
| 007683-64-9                           | Supraene                      | 2.5    | J         |        |     | 23.22      |          |
| E966796                               | Total Alkanes                 | 7.7    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062332.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062332.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062332.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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              | 4.341  |           | 15-120 |     | 54         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.125  |           | 20-120 |     | 23         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 9.31   |           | 10-130 |     | 23         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 31.952 |           | 25-120 |     | 80         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.391 |           | 20-130 |     | 76         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 21.482 |           | 25-125 |     | 54         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 38.984 |           | 20-125 |     | 97         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 44.969 |           | 20-130 |     | 112        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 33.804 |           | 20-120 |     | 85         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 18.663 |           | 1-146  |     | 47         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 32.25  |           | 25-130 |     | 81         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 31.441 |           | 10-130 |     | 79         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 9.512  |           | 10-150 |     | 24         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 32.119 |           | 25-125 |     | 80         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X4                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-10               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062332.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 49.136 |           | 10-130 |     | 123        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 32.215 |           | 25-130 |     | 81         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 34.06  |           | 15-130 |     | 85         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 34.772 |           | 20-130 |     | 87         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 70348  | 7.959     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 340748 | 10.749    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 261167 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 550847 | 17.311    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 538662 | 21.552    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 628310 | 24.636    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 2.4    | J         |        |     | 8.017      |          |
| 000134-62-3                           | Diethyltoluamide                   | 2      | J         |        |     | 15.313     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 4.5    | J         |        |     | 18.215     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 21.229 | J         |        |     | 21.229     |          |
|                                       | (DEL) Alkane: Cyclic               | 22.374 | J         |        |     | 22.374     |          |
|                                       | (DEL) Alkane: Straight-Chain       | 23.820 | J         |        |     | 23.82      |          |
|                                       | (DEL) Alkane: Straight-Chain       | 25.828 | J         |        |     | 25.828     |          |
| 007494-34-0                           | 26-Nor-5-cholesten-3.beta.-ol-25-o | 2.3    | J         |        |     | 26.774     |          |
| E966796                               | Total Alkanes                      | 14     |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X6      | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-11   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062333.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X6                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062333.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X6                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062333.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.375  |           | 15-120 |     | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 3.69   | *         | 20-120 |     | 9          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.854  |           | 10-130 |     | 20         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 22.182 |           | 25-120 |     | 55         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 22.516 |           | 20-130 |     | 56         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.018 |           | 25-125 |     | 43         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 27.694 |           | 20-125 |     | 69         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 32.456 |           | 20-130 |     | 81         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 24.653 |           | 20-120 |     | 62         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 1.465  |           | 1-146  |     | 4          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 22.927 |           | 25-130 |     | 57         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 22.12  |           | 10-130 |     | 55         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.512  |           | 10-150 |     | 19         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 22.997 |           | 25-125 |     | 57         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05X6                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3437-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062333.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 34.586 |           | 10-130 |     | 86         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 23.429 |           | 25-130 |     | 59         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.311 |           | 15-130 |     | 61         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 23.976 |           | 20-130 |     | 60         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 79189  | 7.954     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 376532 | 10.75     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 288474 | 14.574    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 602842 | 17.312    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 587583 | 21.553    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 690330 | 24.637    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 004254-15-3                           | (S)-(+)-1,2-Propanediol       | 3      | J         |        |     | 3.677      |          |
| 000065-85-0                           | Benzoic acid                  | 3.3    | J         |        |     | 9.986      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 5.3    | J         |        |     | 11.484     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 8.2    | J         |        |     | 18.217     |          |
| 000057-11-4                           | Octadecanoic acid             | 2.2    | J         |        |     | 19.485     |          |
|                                       | (DEL) Alkane: Cyclic21.230    | 5.5    | J         |        |     | 21.23      |          |
| E966796                               | Total Alkanes                 | 5.5    |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS451        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BS     | 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 |
| BG062334.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.5   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 25    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 23    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 26    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 26    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 27    |           | 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) | 26    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 25    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 26    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 27    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 31    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 35    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 20    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 26    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 27    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 26    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 22    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 26    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 28    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 27    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 27    |           | 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       | 26    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 28    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS451        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BS     | 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 |
| BG062334.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 34    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 37    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 25    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 45    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 29    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 39    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 25    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 46    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 28    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 2.2   | J         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 24    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 27    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 26    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 29    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 27    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 27    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 27    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS451                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BS             | 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 |
| BG062334.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 26     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 29     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 29     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 27     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 27     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 28     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 26     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 27     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 24     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.772  |           | 15-120 |     | 60         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.171 |           | 20-120 |     | 55         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 26.283 |           | 10-130 |     | 66         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 25.835 |           | 25-120 |     | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.111 |           | 20-130 |     | 65         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.717 |           | 25-125 |     | 64         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 33.413 |           | 20-125 |     | 84         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 39.402 |           | 20-130 |     | 99         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 27.935 |           | 20-120 |     | 70         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.649 |           | 1-146  |     | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.151 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.27  |           | 10-130 |     | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.499 |           | 10-150 |     | 74         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.016 |           | 25-125 |     | 65         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS451                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162451BS             | 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 |
| BG062334.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 47.707 |           | 10-130 |     | 119        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 25.545 |           | 25-130 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.406 |           | 15-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.451 |           | 20-130 |     | 66         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 77225  | 7.96      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 359675 | 10.75     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 275563 | 14.574    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 585075 | 17.312    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 568158 | 21.553    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 641939 | 24.643    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                        |                 |                         |
|--------------------|------------------------|-----------------|-------------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM   |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM   |
| Client Sample ID:  | E1GF7                  | SDG No.:        | BG080824                |
| Lab Sample ID:     | P3401-11               | Matrix:         | Water                   |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                     |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL            |
| Soil Aliquot Vol:  | uL                     | Test:           |                         |
| Extraction Type :  |                        | Decanted :      | Level :      LOW        |
| Injection Volume : |                        | GPC Factor :    | GPC Cleanup :      PH : |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062335.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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                | 2.1   | J         | 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: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E1GF7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062335.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E1GF7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062335.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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              | 4.084  |           | 15-120 |     | 51         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.7    | *         | 20-120 |     | 2          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 7.463  |           | 10-130 |     | 19         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.462 |           | 25-120 |     | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.286 |           | 20-130 |     | 68         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 17.933 |           | 25-125 |     | 45         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 37.476 |           | 20-125 |     | 94         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 44.678 |           | 20-130 |     | 112        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.274 |           | 20-120 |     | 78         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 0.168  | *         | 1-146  |     | 0          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 28.968 |           | 25-130 |     | 72         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.562 |           | 10-130 |     | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 7.23   |           | 10-150 |     | 18         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 29.257 |           | 25-125 |     | 73         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/29/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/29/2024 12:00:00 AM |
| Client Sample ID:  | E1GF7                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-11               | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000      Units:    mL | Final Vol:      | 1000      uL          |
| Soil Aliquot Vol:  | uL                     | Test:           |                       |
| Extraction Type :  | Decanted :             | Level :         | LOW                   |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062335.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 42.443 |           | 10-130 |     | 106        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 28.137 |           | 25-130 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 28.87  |           | 15-130 |     | 72         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 27.924 |           | 20-130 |     | 70         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 68806  | 7.96      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 320868 | 10.75     |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 255031 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 550386 | 17.312    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 553265 | 21.548    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 648345 | 24.638    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000104-76-7                           | 1-Hexanol, 2-ethyl-                | 11     | J         |        |     | 8.019      |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 6.4    | J         |        |     | 17.988     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |            |                 |                       |
|--------------------|------------|-----------------|-----------------------|
| Client:            |            | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |            | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E1GF8      | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-12   | Matrix:         | Water                 |
| Analytical Method: | SFAM_SVOC  | % Moisture:     | 100                   |
| Sample Wt/Vol:     | 1000       | Units:          | mL                    |
| Soil Aliquot Vol:  |            | Final Vol:      | 1000                  |
|                    |            |                 | uL                    |
| Extraction Type :  |            | Test:           |                       |
|                    | Decanted : | Level :         | LOW                   |
| Injection Volume : |            | GPC Factor :    |                       |
|                    |            | GPC Cleanup :   | PH :                  |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062336.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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                | 1.7   | J         | 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E1GF8                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-12               | 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 |
| BG062336.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E1GF8                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-12               | 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 |
| BG062336.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 0.53   | U         | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 0.97   | U         | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1.7    | U         | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 0.56   | U         | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 0.75   | U         | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 0.87   | U         | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 1.5    | U         | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1.4    | U         | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1.2    | U         | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 1.1    | U         | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1      | U         | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.451  |           | 15-120 |     | 43         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 4.578  | *         | 20-120 |     | 11         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 6.765  |           | 10-130 |     | 17         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.763 |           | 25-120 |     | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.222 |           | 20-130 |     | 58         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 15.86  |           | 25-125 |     | 40         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.964 |           | 20-125 |     | 77         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 37.022 |           | 20-130 |     | 93         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.103 |           | 20-120 |     | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 2.057  |           | 1-146  |     | 5          | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 24.855 |           | 25-130 |     | 62         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.169 |           | 10-130 |     | 58         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 6.621  |           | 10-150 |     | 17         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.511 |           | 25-125 |     | 64         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                       |
|--------------------|------------------------|-----------------|-----------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E1GF8                  | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3401-12               | 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 |
| BG062336.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162451      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 37.283 |           | 10-130 |     | 93         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.724 |           | 25-130 |     | 64         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 26.072 |           | 15-130 |     | 65         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 26.943 |           | 20-130 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 77232  | 7.957     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 374295 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 293655 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 627433 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 626780 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 734113 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000106-67-2                           | 1-Pentanol, 2-ethyl-4-methyl-      | 3      | J         |        |     | 8.022      |          |
| 082304-66-3                           | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | 3.4    | J         |        |     | 17.985     |          |
| E966796                               | Total Alkanes                      | 0.99   | U         |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05Z8                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-14              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062337.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-14              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062337.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z8                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-14              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062337.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.371  |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.439 |           | 20-120 |      | 44         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.389 |           | 10-130 |      | 48         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.511 |           | 10-150 |      | 49         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.964 |           | 15-120 |      | 50         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 19.985 |           | 10-140 |      | 50         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 23.541 |           | 10-135 |      | 59         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.735 |           | 10-120 |      | 69         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 20.749 |           | 10-140 |      | 52         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 20.033 |           | 1-145  |      | 50         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.677 |           | 10-145 |      | 52         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.524 |           | 15-120 |      | 51         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 16.519 |           | 10-150 |      | 41         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.93  |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z8              | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-14           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 0                     |
| 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 |
| BG062337.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 21.343 |           | 10-130 |     | 53         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.793 |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.21  |           | 10-130 |     | 53         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.517 |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 55065  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 267291 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 211623 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 471083 | 17.31     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 466569 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 548022 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 84     | J         |        |     | 11.483     |          |
| 000638-53-9                           | Tridecanoic acid              | 77     | J         |        |     | 18.209     |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T4                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-01              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062338.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T4                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-01              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062338.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T4                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-01              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062338.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.19   |           | 15-120 |      | 40         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.2   |           | 20-120 |      | 48         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 23.73  |           | 10-130 |      | 59         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 23.193 |           | 10-150 |      | 58         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 23.589 |           | 15-120 |      | 59         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.419 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.372 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.099 |           | 10-120 |      | 88         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.063 |           | 10-140 |      | 65         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.32  |           | 1-145  |      | 61         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.194 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.328 |           | 15-120 |      | 66         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 23.469 |           | 10-150 |      | 59         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.419 |           | 20-140 |      | 69         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-01              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062338.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 31.44  |           | 10-130 |     | 79         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 26.922 |           | 10-150 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 27.617 |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 28.665 |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 66929  | 7.957     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 316228 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 242880 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 527181 | 17.309    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 526106 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 609442 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 004254-15-3                           | (S)-(+)-1,2-Propanediol            | 96     | J         |        |     | 3.681      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 110    | J         |        |     | 11.482     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 210    | J         |        |     | 18.214     |          |
| 006222-07-7                           | Pentafluoropropionic acid, hexadec | 98     | J         |        |     | 21.227     |          |
| 1000193-60-8                          | 1,1,4a-Trimethyl-5,6-dimethylenede | 430    | J         |        |     | 28.688     |          |
| 000469-38-5                           | 9,19-Cyclolanost-24-en-3-ol, (3.be | 520    | J         |        |     | 29.134     |          |
| E966796                               | Total Alkanes                      | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                       |
|--------------------|----------------|-----------------|-----------------------|
| Client:            |                | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T4MS        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-02MS     | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC      | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03 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 |
| BG062339.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 360   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1200  |           | 58  | 82.4 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 970   |           | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 1100  |           | 30  | 82.4 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 1100  |           | 29  | 82.4 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1100  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 1100  |           | 31  | 82.4 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 1100  |           | 40  | 82.4 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 1100  |           | 66  | 82.4 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 1100  |           | 53  | 82.4 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 1100  |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1100  |           | 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          | 760   |           | 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         | 1100  |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 1100  |           | 64  | 82.4 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1200  |           | 41  | 42.5 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1200  |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 1100  |           | 97  | 82.4 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1300  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1300  |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MS                | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-02MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.03      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 |
| BG062339.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| 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             | 1500  |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 1100  |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1600  |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1100  |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1300  |           | 66  | 82.4 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 1100  |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1900  |           | 130 | 82.4 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1300  |           | 44  | 82.4 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1100  |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1600  |           | 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  | 82.4 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1900  |           | 38  | 82.4 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1100  |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1200  |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1200  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1200  |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 1000  |           | 28  | 82.4 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1400  |           | 88  | 82.4 | 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 | 1200  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1100  |           | 34  | 82.4 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1200  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1100  |           | 19  | 82.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MS                | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-02MS             | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.03      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 |
| BG062339.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1100   |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1200   |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 52     | 82.4 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1200   |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1100   |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1200   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1200   |           | 48     | 82.4 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1200   |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1200   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1100   |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1200   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1200   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1200   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1300   |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.986  |           | 15-120 |      | 50         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 22.827 |           | 20-120 |      | 57         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 28.799 |           | 10-130 |      | 72         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 28.395 |           | 10-150 |      | 71         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 29.451 |           | 15-120 |      | 74         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 27.319 |           | 10-140 |      | 68         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 36.681 |           | 10-135 |      | 92         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 43.908 |           | 10-120 |      | 110        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.954 |           | 10-140 |      | 80         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 27.237 |           | 1-145  |      | 68         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 29.849 |           | 10-145 |      | 75         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 30.201 |           | 15-120 |      | 76         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 29.79  |           | 10-150 |      | 74         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 30.688 |           | 20-140 |      | 77         | SPK: -40 |

## Report of Analysis

|                    |                     |                 |                       |
|--------------------|---------------------|-----------------|-----------------------|
| Client:            |                     | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                     | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T4MS             | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-02MS          | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC           | % Moisture:     | 0                     |
| Sample Wt/Vol:     | 30.03      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 |
| BG062339.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 48.487 |           | 10-130 |     | 121        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 30.419 |           | 10-150 |     | 76         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 31.167 |           | 10-130 |     | 78         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 32.855 |           | 10-140 |     | 82         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 60552  | 7.959     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 291073 | 10.749    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 221558 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 475595 | 17.317    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 467891 | 21.552    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 534955 | 24.642    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MSD               | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-03MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062340.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 310   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 1100  |           | 58  | 82.4 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 800   |           | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 990   |           | 30  | 82.4 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 950   |           | 29  | 82.4 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 970   |           | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 940   |           | 31  | 82.4 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 960   |           | 40  | 82.4 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 950   |           | 66  | 82.4 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 980   |           | 53  | 82.4 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 980   |           | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 990   |           | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  |           | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 970   |           | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1400  |           | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 730   |           | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 980   |           | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 980   |           | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 830   |           | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 970   |           | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 920   |           | 64  | 82.4 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 1100  |           | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 1000  |           | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 1100  |           | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 970   |           | 97  | 82.4 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 1100  |           | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1100  |           | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MSD               | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-03MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062340.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 1000  |           | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 1000  |           | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1300  |           | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 980   |           | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1400  |           | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 1000  |           | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 66  | 82.4 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 980   |           | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1700  |           | 130 | 82.4 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1100  |           | 44  | 82.4 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 1000  |           | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1500  |           | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 950   |           | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 990   |           | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 980   |           | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 1200  |           | 24  | 82.4 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 1700  |           | 38  | 82.4 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 1000  |           | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1100  |           | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1100  |           | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 1000  |           | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 940   |           | 28  | 82.4 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 1200  |           | 88  | 82.4 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 1000  |           | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 990   |           | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 970   |           | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1100  |           | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 1000  |           | 34  | 82.4 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1000  |           | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 1000  |           | 19  | 82.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MSD               | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-03MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062340.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 1000   |           | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1100   |           | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 990    |           | 52     | 82.4 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 1000   |           | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 1000   |           | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1000   |           | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000   |           | 48     | 82.4 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1000   |           | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 1000   |           | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1000   |           | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1000   |           | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1100   |           | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 1200   |           | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.377  |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 19.006 |           | 20-120 |      | 48         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.109 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.6   |           | 10-150 |      | 62         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.597 |           | 15-120 |      | 64         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 23.593 |           | 10-140 |      | 59         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.955 |           | 10-135 |      | 82         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 39.065 |           | 10-120 |      | 98         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.407 |           | 10-140 |      | 71         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.802 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 26.467 |           | 10-145 |      | 66         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 26.709 |           | 15-120 |      | 67         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.536 |           | 10-150 |      | 66         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 27.085 |           | 20-140 |      | 68         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                             |
|--------------------|------------------------|-----------------|-----------------------------|
| Client:            |                        | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                        | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T4MSD               | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-03MSD            | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC              | % Moisture:     | 0                           |
| Sample Wt/Vol:     | 30.05      Units:    g | Final Vol:      | 500                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           |                             |
| Extraction Type :  | Decanted :             | Level :         | LOW                         |
| Injection Volume : | GPC Factor :           | GPC Cleanup :   | PH :                        |

|                   |           |                      |                      |               |
|-------------------|-----------|----------------------|----------------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date            | Date Analyzed        | Prep Batch ID |
| BG062340.D        | 1         | 8/1/2024 12:00:00 AM | 8/8/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 42.692 |           | 10-130 |     | 107        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 27.333 |           | 10-150 |     | 68         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 27.605 |           | 10-130 |     | 69         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 28.838 |           | 10-140 |     | 72         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 61226  | 7.955     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 283503 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 213545 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 457899 | 17.313    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 450555 | 21.554    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 517170 | 24.638    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BL   | 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 |
| BG062342.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

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

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BL   | 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 |
| BG062342.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BL   | 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 |
| BG062342.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.745  |           | 15-120 |      | 59         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.513 |           | 20-120 |      | 59         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.209 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.299 |           | 10-150 |      | 61         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 24.999 |           | 15-120 |      | 62         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.25  |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 29.957 |           | 10-135 |      | 75         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 35.72  |           | 10-120 |      | 89         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 25.231 |           | 10-140 |      | 63         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 24.162 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 23.541 |           | 10-145 |      | 59         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 23.585 |           | 15-120 |      | 59         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 25.358 |           | 10-150 |      | 63         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 24.101 |           | 20-140 |      | 60         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BL   | 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 |
| BG062342.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.854 |           | 10-130 |     | 85         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 24.578 |           | 10-150 |     | 61         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 24.594 |           | 10-130 |     | 61         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 24.168 |           | 10-140 |     | 60         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 75526  | 7.957     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 373254 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 294246 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 638948 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 646220 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 761420 | 24.641    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062343.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL     | 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 |
| BG062343.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| 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: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062343.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| 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                 | 25.039 |           | 20-120 |     | 63         | SPK: -40 |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.747  |           | 15-120 |     | 59         | SPK: -8  |
| 4165-62-2         | Phenol-d5                   | 27.112 |           | 10-130 |     | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.113 |           | 25-120 |     | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 27.445 |           | 20-130 |     | 69         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 26.825 |           | 25-125 |     | 67         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 32.338 |           | 20-125 |     | 81         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 37.339 |           | 20-130 |     | 93         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.749 |           | 20-120 |     | 67         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.343 |           | 1-146  |     | 66         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.024 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.099 |           | 10-130 |     | 63         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 26.044 |           | 10-150 |     | 65         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 25.74  |           | 25-125 |     | 64         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SBLK447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BL             | 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 |
| BG062343.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 33.659 |           | 10-130 |     | 84         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.87  |           | 25-130 |     | 67         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.738 |           | 15-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 26.681 |           | 20-130 |     | 67         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 60998  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 294871 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 233783 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 495725 | 17.316    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 498239 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 580118 | 24.641    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
|                                       | (DEL) Alkane: Straight-Chain  | 24.729 | 3.2       | J      |     | 24.729     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 25.822 | 3.7       | J      |     | 25.822     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 27.120 | 4.2       | J      |     | 27.12      |          |
|                                       | (DEL) Alkane: Straight-Chain  | 28.706 | 3.4       | J      |     | 28.706     |          |
|                                       | (DEL) Alkane: Straight-Chain  | 30.604 | 3         | J      |     | 30.604     |          |
| E966796                               | Total Alkanes                 | 18     |           |        |     | 99         | ug/L     |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z0                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-09              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062344.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 70    | J         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z0                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-09              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062344.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 51    | J         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05Z0                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-09              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062344.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 39     | J         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 36     | J         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 50     | J         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.343  |           | 15-120 |      | 29         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 0.34   | U         | 20-120 |      | 0          | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 14.29  |           | 10-130 |      | 36         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 14.586 |           | 10-150 |      | 36         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 15.24  |           | 15-120 |      | 38         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 11.619 |           | 10-140 |      | 29         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 17.597 |           | 10-135 |      | 44         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 20.706 |           | 10-120 |      | 52         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.832 |           | 10-140 |      | 37         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 10.996 |           | 1-145  |      | 27         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 13.875 |           | 10-145 |      | 35         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 13.824 |           | 15-120 |      | 35         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 10.573 |           | 10-150 |      | 26         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 14.223 |           | 20-140 |      | 36         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z0              | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-09           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 0                     |
| 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 |
| BG062344.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 13.685 |           | 10-130 |     | 34         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 14.142 |           | 10-150 |     | 35         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 12.716 |           | 10-130 |     | 32         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 9.699  |           | 10-140 |     | 24         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 62416  | 7.957     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 298659 | 10.747    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 228959 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 484763 | 17.315    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 477291 | 21.55     |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 553266 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 140    | J         |        |     | 18.214     |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z1                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-10              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062345.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z1                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-10              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062345.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 59    | J         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z1                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-10              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062345.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 49     | J         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.332  |           | 15-120 |      | 42         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 17.388 |           | 20-120 |      | 43         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 19.829 |           | 10-130 |      | 50         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 19.109 |           | 10-150 |      | 48         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.981 |           | 15-120 |      | 50         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 20.294 |           | 10-140 |      | 51         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 24.007 |           | 10-135 |      | 60         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.061 |           | 10-120 |      | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 20.569 |           | 10-140 |      | 51         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 19.335 |           | 1-145  |      | 48         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 20.356 |           | 10-145 |      | 51         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 20.227 |           | 15-120 |      | 51         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 15.061 |           | 10-150 |      | 38         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.822 |           | 20-140 |      | 52         | SPK: -40 |

## Report of Analysis

|                    |                    |                 |                       |
|--------------------|--------------------|-----------------|-----------------------|
| Client:            |                    | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                    | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05Z1              | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-10           | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC          | % Moisture:     | 0                     |
| 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 |
| BG062345.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 18.523 |           | 10-130 |     | 46         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 20.741 |           | 10-150 |     | 52         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 21.567 |           | 10-130 |     | 54         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 21.613 |           | 10-140 |     | 54         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 65126  | 7.955     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 309696 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 238015 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 516227 | 17.313    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 513276 | 21.548    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 602374 | 24.638    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol          | 75     | J         |        |     | 11.485     |          |
| 000057-10-3                           | n-Hexadecanoic acid           | 130    | J         |        |     | 18.212     |          |
|                                       | (DEL) Alkane: Cyclic          | 92     | J         |        |     | 21.225     |          |
| E966796                               | Total Alkanes                 | 92     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T5                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062346.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T5                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062346.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T5                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-04              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062346.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 3.89   |           | 15-120 |      | 49         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 14.779 |           | 20-120 |      | 37         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 25.101 |           | 10-130 |      | 63         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 24.172 |           | 10-150 |      | 60         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 25.229 |           | 15-120 |      | 63         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.263 |           | 10-140 |      | 63         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 30.537 |           | 10-135 |      | 76         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 36.606 |           | 10-120 |      | 92         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 26.831 |           | 10-140 |      | 67         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.963 |           | 1-145  |      | 60         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.884 |           | 10-145 |      | 65         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.974 |           | 15-120 |      | 65         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 20.72  |           | 10-150 |      | 52         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.374 |           | 20-140 |      | 66         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T5                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-04              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062346.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 28.664 |           | 10-130 |     | 72         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 25.954 |           | 10-150 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 26.985 |           | 10-130 |     | 67         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 27.553 |           | 10-140 |     | 69         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 57988  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 274993 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 211171 | 14.572    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 450937 | 17.31     |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 444486 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 513406 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 140    | J         |        |     | 11.482     |          |
| 000532-48-9                           | Euparin                            | 74     | J         |        |     | 17.98      |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 270    | J         |        |     | 18.215     |          |
| 077899-03-7                           | 1-Heneicosyl formate               | 190    | J         |        |     | 21.228     |          |
| 1010351-83-6                          | Octacosyl heptafluorobutyrate      | 77     | J         |        |     | 22.374     |          |
|                                       | unknown-01                         | 78     | J         |        |     | 28.289     |          |
| 137235-51-9                           | 1,2,4,8-Tetramethylbicyclo[6.3.0]u | 1400   | J         |        |     | 28.694     |          |
| 000083-46-5                           | .beta.-Sitosterol                  | 210    | J         |        |     | 29.746     |          |
| 1000441-99-9                          | (3S,6aR,6bR,8aS,12S,14bR)-4,4,6a,6 | 140    | J         |        |     | 31.82      |          |
| E966796                               | Total Alkanes                      | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T6        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-05     | 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 |
| BG062347.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

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

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T6        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-05     | 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 |
| BG062347.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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: | 7/30/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T6        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-05     | 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 |
| BG062347.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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              | 1.835  |           | 15-120 |      | 23         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 9.601  |           | 20-120 |      | 24         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 13.916 |           | 10-130 |      | 35         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 13.227 |           | 10-150 |      | 33         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 13.859 |           | 15-120 |      | 35         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 13.895 |           | 10-140 |      | 35         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 16.499 |           | 10-135 |      | 41         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 19.502 |           | 10-120 |      | 49         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 14.988 |           | 10-140 |      | 37         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 13.092 |           | 1-145  |      | 33         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 15.116 |           | 10-145 |      | 38         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 15.156 |           | 15-120 |      | 38         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 14.353 |           | 10-150 |      | 36         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 15.597 |           | 20-140 |      | 39         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                       |
|--------------------|--------------|-----------------|-----------------------|
| Client:            |              | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T6        | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-05     | 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 |
| BG062347.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 17.611 |           | 10-130 |     | 44         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 15.443 |           | 10-150 |     | 39         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 16.457 |           | 10-130 |     | 41         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 16.427 |           | 10-140 |     | 41         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 65167  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 310515 | 10.748    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 236089 | 14.573    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 503993 | 17.316    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 494458 | 21.551    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 576299 | 24.635    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 200    | J         |        |     | 18.215     |          |
| 000886-66-8                           | Benzene, 1,1-(1,3-butadiyne-1,4-d  | 86     | J         |        |     | 19.36      |          |
|                                       | (DEL) Alkane: Straight-Chain21.228 | 93     | J         |        |     | 21.228     |          |
| 1000221-85-8                          | 2H-Cyclopentacyclooctene, 4,5,6,7, | 390    | J         |        |     | 28.689     |          |
| 207297-57-2                           | 2-Isopropenyl-4a,8-dimethyl-1,2,3, | 130    | J         |        |     | 29.124     |          |
| E966796                               | Total Alkanes                      | 93     |           |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T7                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062348.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| 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  | 82.2 | 330        | ug/Kg |
| 110-86-1       | Pyridine                    | 77    | U         | 77  | 160  | 330        | ug/Kg |
| 108-95-2       | Phenol                      | 30    | U         | 30  | 82.2 | 330        | ug/Kg |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 29    | U         | 29  | 82.2 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 31    | U         | 31  | 82.2 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 40    | U         | 40  | 82.2 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 53    | U         | 53  | 82.2 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 79    | U         | 79  | 42.4 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 61    | U         | 61  | 42.4 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 64    | U         | 64  | 42.4 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 66    | U         | 66  | 42.4 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 60    | U         | 60  | 42.4 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 38    | U         | 38  | 42.4 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 36    | U         | 36  | 42.4 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 64    | U         | 64  | 82.2 | 330        | ug/Kg |
| 59-50-7        | 4-Chloro-3-methylphenol     | 41    | U         | 41  | 42.4 | 170        | ug/Kg |
| 90-12-0        | 1-Methylnaphthalene         | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 91-57-6        | 2-Methylnaphthalene         | 32    | U         | 32  | 42.4 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 97    | U         | 97  | 82.2 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 33    | U         | 33  | 42.4 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                             |
|--------------------|-----------------------|-----------------|-----------------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM       |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM       |
| Client Sample ID:  | E05T7                 | SDG No.:        | BG080824                    |
| Lab Sample ID:     | P3434-06              | Matrix:         | Solid                       |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                           |
| 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 |
| BG062348.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 45    | U         | 45  | 42.4 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 30    | U         | 30  | 42.4 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 29    | U         | 29  | 42.4 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 66    | U         | 66  | 82.2 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 130   | U         | 130 | 82.2 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 44    | U         | 44  | 82.2 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 35    | U         | 35  | 42.4 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 33    | U         | 33  | 42.4 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 20    | U         | 20  | 42.4 | 170        | ug/Kg |
| 100-01-6   | 4-Nitroaniline             | 24    | U         | 24  | 82.2 | 330        | ug/Kg |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 38    | U         | 38  | 82.2 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 24    | U         | 24  | 42.4 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 34    | U         | 34  | 42.4 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 26    | U         | 26  | 42.4 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 28    | U         | 28  | 42.4 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 28    | U         | 28  | 82.2 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 88    | U         | 88  | 82.2 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 37    | U         | 37  | 42.4 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 25    | U         | 25  | 42.4 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 17    | U         | 17  | 42.4 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 34    | U         | 34  | 82.2 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 27    | U         | 27  | 42.4 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 19    | U         | 19  | 82.2 | 170        | ug/Kg |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T7                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-06              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062348.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 18     | U         | 18     | 42.4 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 22     | U         | 22     | 42.4 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 52     | U         | 52     | 82.2 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 23     | U         | 23     | 42.4 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 24     | U         | 24     | 42.4 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 25     | U         | 25     | 42.4 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 48     | U         | 48     | 82.2 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 37     | U         | 37     | 42.4 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 38     | U         | 38     | 42.4 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 31     | U         | 31     | 42.4 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     | U         | 28     | 42.4 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 26     | U         | 26     | 42.4 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 32     | U         | 32     | 42.4 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 36     | U         | 36     | 42.4 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 2.737  |           | 15-120 |      | 34         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 15.488 |           | 20-120 |      | 39         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 18.631 |           | 10-130 |      | 47         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 18.214 |           | 10-150 |      | 46         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 19.096 |           | 15-120 |      | 48         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 18.206 |           | 10-140 |      | 46         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 22.75  |           | 10-135 |      | 57         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 27.183 |           | 10-120 |      | 68         | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 19.837 |           | 10-140 |      | 50         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 17.636 |           | 1-145  |      | 44         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 19.687 |           | 10-145 |      | 49         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 19.642 |           | 15-120 |      | 49         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 18.512 |           | 10-150 |      | 46         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 20.403 |           | 20-140 |      | 51         | SPK: -40 |

## Report of Analysis

|                    |                       |                 |                       |
|--------------------|-----------------------|-----------------|-----------------------|
| Client:            |                       | Date Collected: | 7/30/2024 12:00:00 AM |
| Project:           |                       | Date Received:  | 7/30/2024 12:00:00 AM |
| Client Sample ID:  | E05T7                 | SDG No.:        | BG080824              |
| Lab Sample ID:     | P3434-06              | Matrix:         | Solid                 |
| Analytical Method: | SFAM_SVOC             | % Moisture:     | 0                     |
| 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 |
| BG062348.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                          | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|------------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2      | 23.252 |           | 10-130 |     | 58         | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                     | 19.836 |           | 10-150 |     | 50         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                         | 21.077 |           | 10-130 |     | 53         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12                 | 21.218 |           | 10-140 |     | 53         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                                    |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4             | 59415  | 7.96      |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                     | 280934 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10                   | 209343 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10                   | 448193 | 17.312    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                       | 439301 | 21.548    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                       | 511385 | 24.638    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                                    |        |           |        |     |            |          |
|                                       | unknown-01                         | 74     | J         |        |     | 3.684      |          |
| 000770-35-4                           | 1-Phenoxypropan-2-ol               | 90     | J         |        |     | 11.485     |          |
| 000057-10-3                           | n-Hexadecanoic acid                | 230    | J         |        |     | 18.211     |          |
| 006222-03-3                           | Trifluoroacetoxy hexadecane        | 91     | J         |        |     | 21.225     |          |
| 1000193-60-8                          | 1,1,4a-Trimethyl-5,6-dimethylenede | 130    | J         |        |     | 28.679     |          |
| 103827-22-1                           | 4a,8-Dimethyl-2-(prop-1-en-2-yl)-1 | 160    | J         |        |     | 29.126     |          |
|                                       | unknown-02                         | 110    | J         |        |     | 29.754     |          |
| E966796                               | Total Alkanes                      | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BS   | 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 |
| BG062349.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|-----|------|------------|-------|
| <b>TARGETS</b> |                             |       |           |     |      |            |       |
| 123-91-1       | 1,4-Dioxane                 | 330   |           | 27  | 6.6  | 67         | ug/Kg |
| 100-52-7       | Benzaldehyde                | 990   |           | 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     | 980   |           | 29  | 82.5 | 330        | ug/Kg |
| 95-57-8        | 2-Chlorophenol              | 1000  |           | 28  | 42.5 | 170        | ug/Kg |
| 95-48-7        | 2-Methylphenol              | 990   |           | 31  | 82.5 | 330        | ug/Kg |
| 108-60-1       | 2,2-oxybis(1-Chloropropane) | 990   |           | 40  | 82.5 | 330        | ug/Kg |
| 98-86-2        | Acetophenone                | 970   |           | 66  | 82.5 | 330        | ug/Kg |
| 106-44-5       | 4-Methylphenol              | 990   |           | 53  | 82.5 | 330        | ug/Kg |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 980   |           | 79  | 42.5 | 170        | ug/Kg |
| 67-72-1        | Hexachloroethane            | 1000  |           | 61  | 42.5 | 170        | ug/Kg |
| 98-95-3        | Nitrobenzene                | 1100  |           | 64  | 42.5 | 170        | ug/Kg |
| 78-59-1        | Isophorone                  | 960   |           | 66  | 42.5 | 170        | ug/Kg |
| 88-75-5        | 2-Nitrophenol               | 1300  |           | 60  | 42.5 | 170        | ug/Kg |
| 105-67-9       | 2,4-Dimethylphenol          | 750   |           | 32  | 42.5 | 170        | ug/Kg |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 960   |           | 45  | 42.5 | 170        | ug/Kg |
| 120-83-2       | 2,4-Dichlorophenol          | 1100  |           | 38  | 42.5 | 170        | ug/Kg |
| 91-20-3        | Naphthalene                 | 970   |           | 24  | 42.5 | 170        | ug/Kg |
| 106-47-8       | 4-Chloroaniline             | 820   |           | 36  | 42.5 | 330        | ug/Kg |
| 87-68-3        | Hexachlorobutadiene         | 930   |           | 35  | 42.5 | 170        | ug/Kg |
| 105-60-2       | Caprolactam                 | 960   |           | 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         | 1000  |           | 32  | 42.5 | 170        | ug/Kg |
| 77-47-4        | Hexachlorocyclopentadiene   | 960   |           | 97  | 82.5 | 330        | ug/Kg |
| 88-06-2        | 2,4,6-Trichlorophenol       | 950   |           | 24  | 42.5 | 170        | ug/Kg |
| 95-95-4        | 2,4,5-Trichlorophenol       | 1000  |           | 33  | 42.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BS   | 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 |
| BG062349.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL | LOD  | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|-----|------|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 970   |           | 26  | 42.5 | 170        | ug/Kg |
| 91-58-7    | 2-Chloronaphthalene        | 980   |           | 33  | 42.5 | 170        | ug/Kg |
| 88-74-4    | 2-Nitroaniline             | 1300  |           | 45  | 42.5 | 170        | ug/Kg |
| 131-11-3   | Dimethylphthalate          | 940   |           | 30  | 42.5 | 170        | ug/Kg |
| 606-20-2   | 2,6-Dinitrotoluene         | 1300  |           | 20  | 42.5 | 170        | ug/Kg |
| 208-96-8   | Acenaphthylene             | 990   |           | 29  | 42.5 | 170        | ug/Kg |
| 99-09-2    | 3-Nitroaniline             | 1200  |           | 66  | 82.5 | 330        | ug/Kg |
| 83-32-9    | Acenaphthene               | 930   |           | 26  | 42.5 | 170        | ug/Kg |
| 51-28-5    | 2,4-Dinitrophenol          | 1700  |           | 130 | 82.5 | 330        | ug/Kg |
| 100-02-7   | 4-Nitrophenol              | 1100  |           | 44  | 82.5 | 330        | ug/Kg |
| 132-64-9   | Dibenzofuran               | 950   |           | 27  | 42.5 | 170        | ug/Kg |
| 121-14-2   | 2,4-Dinitrotoluene         | 1500  |           | 35  | 42.5 | 170        | ug/Kg |
| 84-66-2    | Diethylphthalate           | 930   |           | 33  | 42.5 | 170        | ug/Kg |
| 86-73-7    | Fluorene                   | 940   |           | 27  | 42.5 | 170        | ug/Kg |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 960   |           | 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 | 1700  |           | 38  | 82.5 | 330        | ug/Kg |
| 86-30-6    | N-Nitrosodiphenylamine     | 980   |           | 24  | 42.5 | 170        | ug/Kg |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 1000  |           | 34  | 42.5 | 170        | ug/Kg |
| 101-55-3   | 4-Bromophenyl-phenylether  | 1000  |           | 26  | 42.5 | 170        | ug/Kg |
| 118-74-1   | Hexachlorobenzene          | 980   |           | 28  | 42.5 | 170        | ug/Kg |
| 1912-24-9  | Atrazine                   | 93    | J         | 28  | 82.5 | 330        | ug/Kg |
| 87-86-5    | Pentachlorophenol          | 860   |           | 88  | 82.5 | 330        | ug/Kg |
| 85-01-8    | Phenanthrene               | 970   |           | 27  | 42.5 | 170        | ug/Kg |
| 608-93-5   | Pentachlorobenzene         | 970   |           | 37  | 42.5 | 170        | ug/Kg |
| 120-12-7   | Anthracene                 | 940   |           | 25  | 42.5 | 170        | ug/Kg |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 1000  |           | 17  | 42.5 | 170        | ug/Kg |
| 86-74-8    | Carbazole                  | 980   |           | 34  | 82.5 | 330        | ug/Kg |
| 84-74-2    | Di-n-butylphthalate        | 1000  |           | 27  | 42.5 | 170        | ug/Kg |
| 206-44-0   | Fluoranthene               | 970   |           | 19  | 82.5 | 170        | ug/Kg |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BS   | 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 |
| BG062349.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD  | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|------|------------|----------|
| 129-00-0          | Pyrene                      | 960    |           | 18     | 42.5 | 170        | ug/Kg    |
| 85-68-7           | Butylbenzylphthalate        | 1000   |           | 22     | 42.5 | 170        | ug/Kg    |
| 91-94-1           | 3,3-Dichlorobenzidine       | 1100   |           | 52     | 82.5 | 330        | ug/Kg    |
| 56-55-3           | Benzo(a)anthracene          | 990    |           | 23     | 42.5 | 170        | ug/Kg    |
| 218-01-9          | Chrysene                    | 990    |           | 24     | 42.5 | 170        | ug/Kg    |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 1000   |           | 25     | 42.5 | 170        | ug/Kg    |
| 117-84-0          | Di-n-octyl phthalate        | 1000   |           | 48     | 82.5 | 330        | ug/Kg    |
| 205-99-2          | Benzo(b)fluoranthene        | 1000   |           | 37     | 42.5 | 170        | ug/Kg    |
| 207-08-9          | Benzo(k)fluoranthene        | 1000   |           | 38     | 42.5 | 170        | ug/Kg    |
| 50-32-8           | Benzo(a)pyrene              | 970    |           | 31     | 42.5 | 170        | ug/Kg    |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 1000   |           | 28     | 42.5 | 170        | ug/Kg    |
| 53-70-3           | Dibenzo(a,h)anthracene      | 1000   |           | 26     | 42.5 | 170        | ug/Kg    |
| 191-24-2          | Benzo(g,h,i)perylene        | 1000   |           | 32     | 42.5 | 170        | ug/Kg    |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 890    |           | 36     | 42.5 | 170        | ug/Kg    |
| <b>SURROGATES</b> |                             |        |           |        |      |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 5.779  |           | 15-120 |      | 72         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 26.775 |           | 20-120 |      | 67         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 31.263 |           | 10-130 |      | 78         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 29.641 |           | 10-150 |      | 74         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 30.5   |           | 15-120 |      | 76         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 29.686 |           | 10-140 |      | 74         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 36.399 |           | 10-135 |      | 91         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 44.469 |           | 10-120 |      | 111        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 31.464 |           | 10-140 |      | 79         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 26.18  |           | 1-145  |      | 65         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 27.942 |           | 10-145 |      | 70         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 28.019 |           | 15-120 |      | 70         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 33.896 |           | 10-150 |      | 85         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 28.525 |           | 20-140 |      | 71         | SPK: -40 |

## Report of Analysis

|                    |              |                 |                      |
|--------------------|--------------|-----------------|----------------------|
| Client:            |              | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |              | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS448      | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162448BS   | 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 |
| BG062349.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162448      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 52.684 | *         | 10-130 |     | 132        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 28.145 |           | 10-150 |     | 70         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 28.529 |           | 10-130 |     | 71         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 29.057 |           | 10-140 |     | 73         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 66290  | 7.955     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 317387 | 10.751    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 248356 | 14.575    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 532677 | 17.313    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 529971 | 21.554    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 602463 | 24.644    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 26     | U         |        |     | 99         | ug/Kg    |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BS     | 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 |
| BG062350.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| CAS Number     | Parameter                   | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|----------------|-----------------------------|-------|-----------|------|-----|------------|-------|
| <b>TARGETS</b> |                             |       |           |      |     |            |       |
| 123-91-1       | 1,4-Dioxane                 | 8.5   |           | 1.2  | 0.5 | 2          | ug/L  |
| 100-52-7       | Benzaldehyde                | 26    |           | 2.3  | 5   | 10         | ug/L  |
| 110-86-1       | Pyridine                    | 24    |           | 2.2  | 10  | 10         | ug/L  |
| 108-95-2       | Phenol                      | 27    |           | 1.5  | 5   | 10         | ug/L  |
| 111-44-4       | Bis(2-Chloroethyl)ether     | 26    |           | 1.3  | 5   | 10         | ug/L  |
| 95-57-8        | 2-Chlorophenol              | 27    |           | 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) | 27    |           | 1.2  | 5   | 10         | ug/L  |
| 98-86-2        | Acetophenone                | 25    |           | 0.89 | 5   | 10         | ug/L  |
| 106-44-5       | 4-Methylphenol              | 26    |           | 1.2  | 5   | 10         | ug/L  |
| 621-64-7       | N-Nitroso-di-n-propylamine  | 26    |           | 1.5  | 2.5 | 5          | ug/L  |
| 67-72-1        | Hexachloroethane            | 28    |           | 1.5  | 2.5 | 5          | ug/L  |
| 98-95-3        | Nitrobenzene                | 31    |           | 0.99 | 2.5 | 5          | ug/L  |
| 78-59-1        | Isophorone                  | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-75-5        | 2-Nitrophenol               | 37    |           | 1.2  | 2.5 | 5          | ug/L  |
| 105-67-9       | 2,4-Dimethylphenol          | 20    |           | 1.1  | 2.5 | 5          | ug/L  |
| 111-91-1       | Bis(2-Chloroethoxy)methane  | 26    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-83-2       | 2,4-Dichlorophenol          | 29    |           | 0.93 | 2.5 | 5          | ug/L  |
| 91-20-3        | Naphthalene                 | 27    |           | 0.7  | 2.5 | 5          | ug/L  |
| 106-47-8       | 4-Chloroaniline             | 22    |           | 1.8  | 2.5 | 10         | ug/L  |
| 87-68-3        | Hexachlorobutadiene         | 26    |           | 0.98 | 2.5 | 5          | ug/L  |
| 105-60-2       | Caprolactam                 | 25    |           | 2.9  | 5   | 10         | ug/L  |
| 59-50-7        | 4-Chloro-3-methylphenol     | 29    |           | 2    | 2.5 | 5          | ug/L  |
| 90-12-0        | 1-Methylnaphthalene         | 27    |           | 1    | 2.5 | 5          | ug/L  |
| 91-57-6        | 2-Methylnaphthalene         | 28    |           | 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       | 27    |           | 0.81 | 2.5 | 5          | ug/L  |
| 95-95-4        | 2,4,5-Trichlorophenol       | 28    |           | 0.8  | 2.5 | 5          | ug/L  |

## Report of Analysis

|                    |                |                 |                      |
|--------------------|----------------|-----------------|----------------------|
| Client:            |                | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS447        | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BS     | 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 |
| BG062350.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| CAS Number | Parameter                  | Conc. | Qualifier | MDL  | LOD | LOQ / CRQL | Units |
|------------|----------------------------|-------|-----------|------|-----|------------|-------|
| 92-52-4    | 1,1-Biphenyl               | 27    |           | 0.99 | 2.5 | 5          | ug/L  |
| 91-58-7    | 2-Chloronaphthalene        | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 88-74-4    | 2-Nitroaniline             | 35    |           | 1.7  | 2.5 | 5          | ug/L  |
| 131-11-3   | Dimethylphthalate          | 26    |           | 1.3  | 2.5 | 5          | ug/L  |
| 606-20-2   | 2,6-Dinitrotoluene         | 37    |           | 1.3  | 2.5 | 5          | ug/L  |
| 208-96-8   | Acenaphthylene             | 27    |           | 1.1  | 2.5 | 5          | ug/L  |
| 99-09-2    | 3-Nitroaniline             | 32    |           | 1.5  | 5   | 10         | ug/L  |
| 83-32-9    | Acenaphthene               | 26    |           | 1.1  | 2.5 | 5          | ug/L  |
| 51-28-5    | 2,4-Dinitrophenol          | 45    |           | 2.8  | 5   | 10         | ug/L  |
| 100-02-7   | 4-Nitrophenol              | 30    |           | 1.4  | 5   | 10         | ug/L  |
| 132-64-9   | Dibenzofuran               | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 121-14-2   | 2,4-Dinitrotoluene         | 41    |           | 1.1  | 2.5 | 5          | ug/L  |
| 84-66-2    | Diethylphthalate           | 25    |           | 0.87 | 2.5 | 5          | ug/L  |
| 86-73-7    | Fluorene                   | 26    |           | 0.87 | 2.5 | 5          | ug/L  |
| 7005-72-3  | 4-Chlorophenyl-phenylether | 26    |           | 0.96 | 2.5 | 5          | ug/L  |
| 100-01-6   | 4-Nitroaniline             | 35    |           | 1.2  | 5   | 10         | ug/L  |
| 534-52-1   | 4,6-Dinitro-2-methylphenol | 47    |           | 1.2  | 5   | 10         | ug/L  |
| 86-30-6    | N-Nitrosodiphenylamine     | 27    |           | 0.71 | 2.5 | 5          | ug/L  |
| 95-94-3    | 1,2,4,5-Tetrachlorobenzene | 28    |           | 0.9  | 2.5 | 5          | ug/L  |
| 101-55-3   | 4-Bromophenyl-phenylether  | 29    |           | 1.4  | 2.5 | 5          | ug/L  |
| 118-74-1   | Hexachlorobenzene          | 28    |           | 0.56 | 2.5 | 5          | ug/L  |
| 1912-24-9  | Atrazine                   | 2.4   | J         | 0.96 | 5   | 10         | ug/L  |
| 87-86-5    | Pentachlorophenol          | 24    |           | 2.5  | 5   | 10         | ug/L  |
| 85-01-8    | Phenanthrene               | 27    |           | 0.97 | 2.5 | 5          | ug/L  |
| 608-93-5   | Pentachlorobenzene         | 27    |           | 1.2  | 2.5 | 5          | ug/L  |
| 120-12-7   | Anthracene                 | 26    |           | 0.72 | 2.5 | 5          | ug/L  |
| 634-66-2   | 1,2,3,4-Tetrachlorobenzene | 30    |           | 0.92 | 2.5 | 5          | ug/L  |
| 86-74-8    | Carbazole                  | 27    |           | 1    | 5   | 10         | ug/L  |
| 84-74-2    | Di-n-butylphthalate        | 28    |           | 0.81 | 2.5 | 5          | ug/L  |
| 206-44-0   | Fluoranthene               | 27    |           | 0.65 | 5   | 5          | ug/L  |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BS             | 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 |
| BG062350.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| CAS Number        | Parameter                   | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|-------------------|-----------------------------|--------|-----------|--------|-----|------------|----------|
| 129-00-0          | Pyrene                      | 26     |           | 0.53   | 2.5 | 5          | ug/L     |
| 85-68-7           | Butylbenzylphthalate        | 28     |           | 0.97   | 2.5 | 5          | ug/L     |
| 91-94-1           | 3,3-Dichlorobenzidine       | 30     |           | 1.7    | 5   | 10         | ug/L     |
| 56-55-3           | Benzo(a)anthracene          | 27     |           | 0.56   | 2.5 | 5          | ug/L     |
| 218-01-9          | Chrysene                    | 27     |           | 0.75   | 2.5 | 5          | ug/L     |
| 117-81-7          | Bis(2-ethylhexyl)phthalate  | 27     |           | 0.87   | 2.5 | 5          | ug/L     |
| 117-84-0          | Di-n-octyl phthalate        | 28     |           | 1.5    | 5   | 10         | ug/L     |
| 205-99-2          | Benzo(b)fluoranthene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 207-08-9          | Benzo(k)fluoranthene        | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 50-32-8           | Benzo(a)pyrene              | 27     |           | 1.1    | 2.5 | 5          | ug/L     |
| 193-39-5          | Indeno(1,2,3-cd)pyrene      | 28     |           | 1.4    | 2.5 | 5          | ug/L     |
| 53-70-3           | Dibenzo(a,h)anthracene      | 28     |           | 1.2    | 2.5 | 5          | ug/L     |
| 191-24-2          | Benzo(g,h,i)perylene        | 28     |           | 1.1    | 2.5 | 5          | ug/L     |
| 58-90-2           | 2,3,4,6-Tetrachlorophenol   | 25     |           | 1      | 2.5 | 5          | ug/L     |
| <b>SURROGATES</b> |                             |        |           |        |     |            |          |
| 17647-74-4        | 1,4-Dioxane-d8              | 4.996  |           | 15-120 |     | 62         | SPK: -8  |
| 7291-22-7         | Pyridine-d5                 | 23.161 |           | 20-120 |     | 58         | SPK: -40 |
| 4165-62-2         | Phenol-d5                   | 27.145 |           | 10-130 |     | 68         | SPK: -40 |
| 93952-02-4        | Bis-(2-Chloroethyl)ether-d8 | 26.046 |           | 25-120 |     | 65         | SPK: -40 |
| 93951-73-6        | 2-Chlorophenol-d4           | 26.868 |           | 20-130 |     | 67         | SPK: -40 |
| 190780-66-6       | 4-Methylphenol-d8           | 25.832 |           | 25-125 |     | 65         | SPK: -40 |
| 4165-60-0         | Nitrobenzene-d5             | 34.179 |           | 20-125 |     | 85         | SPK: -40 |
| 93951-78-1        | 2-Nitrophenol-d4            | 40.567 |           | 20-130 |     | 101        | SPK: -40 |
| 93951-74-7        | 2,4-Dichlorophenol-d3       | 28.807 |           | 20-120 |     | 72         | SPK: -40 |
| 191656-33-4       | 4-Chloroaniline-d4          | 23.775 |           | 1-146  |     | 59         | SPK: -40 |
| 85448-30-2        | Dimethylphthalate-d6        | 25.367 |           | 25-130 |     | 63         | SPK: -40 |
| 93951-97-4        | Acenaphthylene-d8           | 25.785 |           | 10-130 |     | 64         | SPK: -40 |
| 93951-79-2        | 4-Nitrophenol-d4            | 31.225 |           | 10-150 |     | 78         | SPK: -40 |
| 81103-79-9        | Fluorene-d10                | 26.551 |           | 25-125 |     | 66         | SPK: -40 |

## Report of Analysis

|                    |                        |                 |                      |
|--------------------|------------------------|-----------------|----------------------|
| Client:            |                        | Date Collected: | 8/1/2024 12:00:00 AM |
| Project:           |                        | Date Received:  | 8/1/2024 12:00:00 AM |
| Client Sample ID:  | SLCS447                | SDG No.:        | BG080824             |
| Lab Sample ID:     | PB162447BS             | 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 |
| BG062350.D        | 1         | 8/1/2024 12:00:00 AM | 8/9/2024 12:00:00 AM | PB162447      |

| CAS Number                            | Parameter                     | Conc.  | Qualifier | MDL    | LOD | LOQ / CRQL | Units    |
|---------------------------------------|-------------------------------|--------|-----------|--------|-----|------------|----------|
| 93951-76-9                            | 4,6-Dinitro-2-methylphenol-d2 | 49.925 |           | 10-130 |     | 125        | SPK: -40 |
| 1719-06-8                             | Anthracene-d10                | 26.189 |           | 25-130 |     | 65         | SPK: -40 |
| 1718-52-1                             | Pyrene-d10                    | 26.433 |           | 15-130 |     | 66         | SPK: -40 |
| 63466-71-7                            | Benzo(a)pyrene-d12            | 27.012 |           | 20-130 |     | 68         | SPK: -40 |
| <b>INTERNAL STANDARDS</b>             |                               |        |           |        |     |            |          |
| 3855-82-1                             | 1,4-Dichlorobenzene-d4        | 73942  | 7.958     |        |     |            |          |
| 1146-65-2                             | Naphthalene-d8                | 335347 | 10.754    |        |     |            |          |
| 15067-26-2                            | Acenaphthene-d10              | 254089 | 14.578    |        |     |            |          |
| 1517-22-2                             | Phenanthrene-d10              | 534221 | 17.316    |        |     |            |          |
| 1719-03-5                             | Chrysene-d12                  | 546898 | 21.557    |        |     |            |          |
| 1520-96-3                             | Perylene-d12                  | 620251 | 24.641    |        |     |            |          |
| <b>TENTATIVE IDENTIFIED COMPOUNDS</b> |                               |        |           |        |     |            |          |
| E966796                               | Total Alkanes                 | 0.99   | U         |        |     | 99         | ug/L     |

### Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

| Sample ID                | Client ID |       | Parameter                          | Concentration | C         | MDL             | RDL | Units |
|--------------------------|-----------|-------|------------------------------------|---------------|-----------|-----------------|-----|-------|
| <b>Client ID : E1GF7</b> |           |       |                                    |               |           |                 |     |       |
| P3401-11                 | E1GF7     | Water | 1-Hexanol, 2-ethyl-                | *             | 11.000    | J               |     |       |
| P3401-11                 | E1GF7     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | *             | 6.400     | J               |     |       |
| P3401-11                 | E1GF7     | Water | Total Alkanes                      | *             | 0.000     | 0.99            | 5   | ug/L  |
|                          |           |       | <b>Total Tics :</b>                |               |           | <b>17.40</b>    |     |       |
| P3401-11                 | E1GF7     | Water | Acetophenone                       |               | 2.100     | J 0.89          | 10  | ug/L  |
|                          |           |       | <b>Total Svoc :</b>                |               |           | <b>2.10</b>     |     |       |
|                          |           |       | <b>Total Concentration:</b>        |               |           | <b>19.50</b>    |     |       |
| <b>Client ID : E1GF8</b> |           |       |                                    |               |           |                 |     |       |
| P3401-12                 | E1GF8     | Water | 1-Pentanol, 2-ethyl-4-methyl-      | *             | 3.000     | J               |     |       |
| P3401-12                 | E1GF8     | Water | 7,9-Di-tert-butyl-1-oxaspiro(4,5)d | *             | 3.400     | J               |     |       |
| P3401-12                 | E1GF8     | Water | Total Alkanes                      | *             | 0.000     | 0.99            | 5   | ug/L  |
|                          |           |       | <b>Total Tics :</b>                |               |           | <b>6.40</b>     |     |       |
| P3401-12                 | E1GF8     | Water | Acetophenone                       |               | 1.700     | J 0.89          | 10  | ug/L  |
|                          |           |       | <b>Total Svoc :</b>                |               |           | <b>1.70</b>     |     |       |
|                          |           |       | <b>Total Concentration:</b>        |               |           | <b>8.10</b>     |     |       |
| <b>Client ID : E05T4</b> |           |       |                                    |               |           |                 |     |       |
| P3434-01                 | E05T4     | Solid | (S)-(+)-1,2-Propanediol            | *             | 96.000    | J               |     |       |
| P3434-01                 | E05T4     | Solid | 1,1,4a-Trimethyl-5,6-dimethylene   | *             | 430.000   | J               |     |       |
| P3434-01                 | E05T4     | Solid | 1-Phenoxypropan-2-ol               | *             | 110.000   | J               |     |       |
| P3434-01                 | E05T4     | Solid | 9,19-Cyclolanost-24-en-3-ol, (3.b  | *             | 520.000   | J               |     |       |
| P3434-01                 | E05T4     | Solid | n-Hexadecanoic acid                | *             | 210.000   | J               |     |       |
| P3434-01                 | E05T4     | Solid | Pentafluoropropionic acid, hexade  | *             | 98.000    | J               |     |       |
| P3434-01                 | E05T4     | Solid | Total Alkanes                      | *             | 0.000     | 26              | 170 | ug/Kg |
|                          |           |       | <b>Total Tics :</b>                |               |           | <b>1,464.00</b> |     |       |
|                          |           |       | <b>Total Concentration:</b>        |               |           | <b>1,464.00</b> |     |       |
| <b>Client ID : E05T5</b> |           |       |                                    |               |           |                 |     |       |
| P3434-04                 | E05T5     | Solid | (3S,6aR,6bR,8aS,12S,14bR)-4,4,6    | *             | 140.000   | J               |     |       |
| P3434-04                 | E05T5     | Solid | .beta.-Sitosterol                  | *             | 210.000   | J               |     |       |
| P3434-04                 | E05T5     | Solid | 1,2,4,8-Tetramethylbicyclo[6.3.0]i | *             | 1,400.000 | J               |     |       |
| P3434-04                 | E05T5     | Solid | 1-Heneicosyl formate               | *             | 190.000   | J               |     |       |
| P3434-04                 | E05T5     | Solid | 1-Phenoxypropan-2-ol               | *             | 140.000   | J               |     |       |
| P3434-04                 | E05T5     | Solid | Euparin                            | *             | 74.000    | J               |     |       |
| P3434-04                 | E05T5     | Solid | n-Hexadecanoic acid                | *             | 270.000   | J               |     |       |
| P3434-04                 | E05T5     | Solid | Octacosyl heptafluorobutyrate      | *             | 77.000    | J               |     |       |
| P3434-04                 | E05T5     | Solid | unknown-01                         | *             | 78.000    | J               |     |       |
| P3434-04                 | E05T5     | Solid | Total Alkanes                      | *             | 0.000     | 26              | 170 | ug/Kg |

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

SDG No.: BG080824

Client:

| Sample ID                   | Client ID | Matrix | Parameter                           | Concentration   | C | MDL | RDL | Units |
|-----------------------------|-----------|--------|-------------------------------------|-----------------|---|-----|-----|-------|
| <b>Total Tics :</b>         |           |        |                                     | <b>2,579.00</b> |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                                     | <b>2,579.00</b> |   |     |     |       |
| <b>Client ID : E05T6</b>    |           |        |                                     |                 |   |     |     |       |
| P3434-05                    | E05T6     | Solid  | (DEL) Alkane: Straight-Chain21.2 *  | 93.000          | J |     |     |       |
| P3434-05                    | E05T6     | Solid  | 2-Isopropenyl-4a,8-dimethyl-1,2,3 * | 130.000         | J |     |     |       |
| P3434-05                    | E05T6     | Solid  | 2H-Cyclopentacyclooctene, 4,5,6, *  | 390.000         | J |     |     |       |
| P3434-05                    | E05T6     | Solid  | Benzene, 1,1-(1,3-butadiyne-1,4-d * | 86.000          | J |     |     |       |
| P3434-05                    | E05T6     | Solid  | n-Hexadecanoic acid *               | 200.000         | J |     |     |       |
| P3434-05                    | E05T6     | Solid  | Total Alkanes *                     | 93.000          |   | 26  | 170 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                     | <b>992.00</b>   |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                                     | <b>992.00</b>   |   |     |     |       |
| <b>Client ID : E05T7</b>    |           |        |                                     |                 |   |     |     |       |
| P3434-06                    | E05T7     | Solid  | 1,1,4a-Trimethyl-5,6-dimethylene *  | 130.000         | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | 1-Phenoxypropan-2-ol *              | 90.000          | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | 4a,8-Dimethyl-2-(prop-1-en-2-yl)- * | 160.000         | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | n-Hexadecanoic acid *               | 230.000         | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | Trifluoroacetoxy hexadecane *       | 91.000          | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | unknown-01 *                        | 74.000          | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | unknown-02 *                        | 110.000         | J |     |     |       |
| P3434-06                    | E05T7     | Solid  | Total Alkanes *                     | 0.000           |   | 26  | 170 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                     | <b>885.00</b>   |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                                     | <b>885.00</b>   |   |     |     |       |
| <b>Client ID : E05Z0</b>    |           |        |                                     |                 |   |     |     |       |
| P3434-09                    | E05Z0     | Solid  | n-Hexadecanoic acid *               | 140.000         | J |     |     |       |
| P3434-09                    | E05Z0     | Solid  | Total Alkanes *                     | 0.000           |   | 26  | 170 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                     | <b>140.00</b>   |   |     |     |       |
| P3434-09                    | E05Z0     | Solid  | Acetophenone                        | 70.000          | J | 66  | 330 | ug/Kg |
| P3434-09                    | E05Z0     | Solid  | Benzo(b)fluoranthene                | 50.000          | J | 37  | 170 | ug/Kg |
| P3434-09                    | E05Z0     | Solid  | Chrysene                            | 36.000          | J | 24  | 170 | ug/Kg |
| P3434-09                    | E05Z0     | Solid  | Fluoranthene                        | 51.000          | J | 19  | 170 | ug/Kg |
| P3434-09                    | E05Z0     | Solid  | Pyrene                              | 39.000          | J | 18  | 170 | ug/Kg |
| <b>Total Svoc :</b>         |           |        |                                     | <b>246.00</b>   |   |     |     |       |
| <b>Total Concentration:</b> |           |        |                                     | <b>386.00</b>   |   |     |     |       |
| <b>Client ID : E05Z1</b>    |           |        |                                     |                 |   |     |     |       |
| P3434-10                    | E05Z1     | Solid  | (DEL) Alkane: Cyclic21.225 *        | 92.000          | J |     |     |       |
| P3434-10                    | E05Z1     | Solid  | 1-Phenoxypropan-2-ol *              | 75.000          | J |     |     |       |
| P3434-10                    | E05Z1     | Solid  | n-Hexadecanoic acid *               | 130.000         | J |     |     |       |
| P3434-10                    | E05Z1     | Solid  | Total Alkanes *                     | 92.000          |   | 26  | 170 | ug/Kg |
| <b>Total Tics :</b>         |           |        |                                     | <b>389.00</b>   |   |     |     |       |

### Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

| Sample ID            | Client ID | Matrix | Parameter                        | Concentration | C      | MDL  | RDL | Units |
|----------------------|-----------|--------|----------------------------------|---------------|--------|------|-----|-------|
| P3434-10             | E05Z1     | Solid  | Fluoranthene                     | 59.000        | J      | 19   | 170 | ug/Kg |
| P3434-10             | E05Z1     | Solid  | Pyrene                           | 49.000        | J      | 18   | 170 | ug/Kg |
| Total Svoc :         |           |        |                                  | 108.00        |        |      |     |       |
| Total Concentration: |           |        |                                  | 497.00        |        |      |     |       |
| Client ID : E05Z8    |           |        |                                  |               |        |      |     |       |
| P3434-14             | E05Z8     | Solid  | 1-Phenoxypropan-2-ol             | *             | 84.000 | J    |     |       |
| P3434-14             | E05Z8     | Solid  | Tridecanoic acid                 | *             | 77.000 | J    |     |       |
| P3434-14             | E05Z8     | Solid  | Total Alkanes                    | *             | 0.000  | 26   | 170 | ug/Kg |
| Total Tics :         |           |        |                                  | 161.00        |        |      |     |       |
| Total Concentration: |           |        |                                  | 161.00        |        |      |     |       |
| Client ID : E05T8    |           |        |                                  |               |        |      |     |       |
| P3437-01             | E05T8     | Water  | 1-Phenoxypropan-2-ol             | *             | 2.800  | J    |     |       |
| P3437-01             | E05T8     | Water  | unknown-01                       | *             | 18.000 | J    |     |       |
| P3437-01             | E05T8     | Water  | Total Alkanes                    | *             | 0.000  | 1    | 5.1 | ug/L  |
| Total Tics :         |           |        |                                  | 20.80         |        |      |     |       |
| Total Concentration: |           |        |                                  | 20.80         |        |      |     |       |
| Client ID : E05T9    |           |        |                                  |               |        |      |     |       |
| P3437-02             | E05T9     | Water  | Total Alkanes                    | *             | 0.000  | 0.99 | 5   | ug/L  |
| Total Tics :         |           |        |                                  | 0.00          |        |      |     |       |
| Total Concentration: |           |        |                                  | 0.00          |        |      |     |       |
| Client ID : E05W2    |           |        |                                  |               |        |      |     |       |
| P3437-03             | E05W2     | Water  | (DEL) Alkane: Straight-Chain21.2 | *             | 3.700  | J    |     |       |
| P3437-03             | E05W2     | Water  | 1-Phenoxypropan-2-ol             | *             | 4.900  | J    |     |       |
| P3437-03             | E05W2     | Water  | n-Hexadecanoic acid              | *             | 5.900  | J    |     |       |
| P3437-03             | E05W2     | Water  | Supraene                         | *             | 2.400  | J    |     |       |
| P3437-03             | E05W2     | Water  | unknown-01                       | *             | 2.300  | J    |     |       |
| P3437-03             | E05W2     | Water  | unknown-02                       | *             | 20.000 | J    |     |       |
| P3437-03             | E05W2     | Water  | Total Alkanes                    | *             | 3.700  | 0.99 | 5   | ug/L  |
| Total Tics :         |           |        |                                  | 42.90         |        |      |     |       |
| Total Concentration: |           |        |                                  | 42.90         |        |      |     |       |
| Client ID : E05W4    |           |        |                                  |               |        |      |     |       |
| P3437-04             | E05W4     | Water  | (DEL) Alkane: Straight-Chain21.2 | *             | 4.300  | J    |     |       |
| P3437-04             | E05W4     | Water  | (S)-(+)-1,2-Propanediol          | *             | 2.900  | J    |     |       |
| P3437-04             | E05W4     | Water  | 1-Phenoxypropan-2-ol             | *             | 4.800  | J    |     |       |
| P3437-04             | E05W4     | Water  | n-Hexadecanoic acid              | *             | 7.900  | J    |     |       |
| P3437-04             | E05W4     | Water  | Pentadecanoic acid               | *             | 2.600  | J    |     |       |
| P3437-04             | E05W4     | Water  | Supraene                         | *             | 3.000  | J    |     |       |
| P3437-04             | E05W4     | Water  | unknown-01                       | *             | 16.000 | J    |     |       |

## Hit Summary Sheet

### SW-846

SDG No.: BG080824

**Client:**

| Sample ID          | Client ID    |       | Parameter                          | Concentration | C      | MDL           | RDL | Units |
|--------------------|--------------|-------|------------------------------------|---------------|--------|---------------|-----|-------|
| P3437-04           | E05W4        | Water | Total Alkanes                      | *             | 4.300  | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |               |        | <b>45.80</b>  |     |       |
|                    |              |       | <b>Total Concentration:</b>        |               |        | <b>45.80</b>  |     |       |
| <b>Client ID :</b> | <b>E05W5</b> |       |                                    |               |        |               |     |       |
| P3437-05           | E05W5        | Water | (4E,8E,13E)-1-(2-Hydroxyethyl)-    | *             | 2.300  | J             |     |       |
| P3437-05           | E05W5        | Water | 1,4-Benzenedicarboxylic acid, bis  | *             | 3.000  | J             |     |       |
| P3437-05           | E05W5        | Water | 1-Hexadecanol, 3,7,11,15-tetrame   | *             | 2.700  | J             |     |       |
| P3437-05           | E05W5        | Water | Dichloroacetic acid, heptadecyl es | *             | 2.300  | J             |     |       |
| P3437-05           | E05W5        | Water | n-Hexadecanoic acid                | *             | 7.200  | J             |     |       |
| P3437-05           | E05W5        | Water | Octadecanoic acid                  | *             | 3.100  | J             |     |       |
| P3437-05           | E05W5        | Water | Phthalic acid, di(2-propylpentyl)  | *             | 8.700  | J             |     |       |
| P3437-05           | E05W5        | Water | unknown-01                         | *             | 2.700  | J             |     |       |
| P3437-05           | E05W5        | Water | Total Alkanes                      | *             | 0.000  | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |               |        | <b>32.00</b>  |     |       |
|                    |              |       | <b>Total Concentration:</b>        |               |        | <b>32.00</b>  |     |       |
| <b>Client ID :</b> | <b>E05W7</b> |       |                                    |               |        |               |     |       |
| P3437-06           | E05W7        | Water | 1-Propanol, 3-phenoxy-             | *             | 6.400  | J             |     |       |
| P3437-06           | E05W7        | Water | n-Hexadecanoic acid                | *             | 8.900  | J             |     |       |
| P3437-06           | E05W7        | Water | Octadecanoic acid                  | *             | 2.700  | J             |     |       |
| P3437-06           | E05W7        | Water | Octadecyl trifluoroacetate         | *             | 7.500  | J             |     |       |
| P3437-06           | E05W7        | Water | Pentanedioic acid, dimethyl ester  | *             | 2.100  | J             |     |       |
| P3437-06           | E05W7        | Water | Supraene                           | *             | 2.100  | J             |     |       |
| P3437-06           | E05W7        | Water | unknown-01                         | *             | 15.000 | J             |     |       |
| P3437-06           | E05W7        | Water | Total Alkanes                      | *             | 0.000  | 0.99          | 5   | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |               |        | <b>44.70</b>  |     |       |
|                    |              |       | <b>Total Concentration:</b>        |               |        | <b>44.70</b>  |     |       |
| <b>Client ID :</b> | <b>E05X2</b> |       |                                    |               |        |               |     |       |
| P3437-09           | E05X2        | Water | (DEL) Alkane: Straight-Chain21.2   | *             | 7.700  | J             |     |       |
| P3437-09           | E05X2        | Water | 1-Phenoxypropan-2-ol               | *             | 11.000 | J             |     |       |
| P3437-09           | E05X2        | Water | Ethanol, 2-(2-ethoxyethoxy)-       | *             | 4.600  | J             |     |       |
| P3437-09           | E05X2        | Water | Isopropyl Alcohol                  | *             | 4.500  | J             |     |       |
| P3437-09           | E05X2        | Water | n-Hexadecanoic acid                | *             | 13.000 | J             |     |       |
| P3437-09           | E05X2        | Water | Octadecanoic acid                  | *             | 2.800  | J             |     |       |
| P3437-09           | E05X2        | Water | Supraene                           | *             | 2.500  | J             |     |       |
| P3437-09           | E05X2        | Water | unknown-01                         | *             | 79.000 | J             |     |       |
| P3437-09           | E05X2        | Water | Total Alkanes                      | *             | 7.700  | 1             | 5.1 | ug/L  |
|                    |              |       | <b>Total Tics :</b>                |               |        | <b>132.80</b> |     |       |
|                    |              |       | <b>Total Concentration:</b>        |               |        | <b>132.80</b> |     |       |

**Client ID : E05X4**

### Hit Summary Sheet SW-846

SDG No.: BG080824

Client:

| Sample ID            | Client ID |       | Parameter                         | Concentration | C      | MDL | RDL  | Units    |
|----------------------|-----------|-------|-----------------------------------|---------------|--------|-----|------|----------|
| P3437-10             | E05X4     | Water | (DEL) Alkane: Cyclic22.374        | *             | 3.600  | J   |      |          |
| P3437-10             | E05X4     | Water | (DEL) Alkane: Straight-Chain21.2  | *             | 4.000  | J   |      |          |
| P3437-10             | E05X4     | Water | (DEL) Alkane: Straight-Chain23.8  | *             | 3.100  | J   |      |          |
| P3437-10             | E05X4     | Water | (DEL) Alkane: Straight-Chain25.8  | *             | 3.000  | J   |      |          |
| P3437-10             | E05X4     | Water | 1-Hexanol, 2-ethyl-               | *             | 2.400  | J   |      |          |
| P3437-10             | E05X4     | Water | 26-Nor-5-cholesten-3.beta.-ol-25- | *             | 2.300  | J   |      |          |
| P3437-10             | E05X4     | Water | Diethyltoluamide                  | *             | 2.000  | J   |      |          |
| P3437-10             | E05X4     | Water | n-Hexadecanoic acid               | *             | 4.500  | J   |      |          |
| P3437-10             | E05X4     | Water | Total Alkanes                     | *             | 14.000 |     | 0.99 | 5 ug/L   |
| Total Tics :         |           |       |                                   |               | 38.90  |     |      |          |
| Total Concentration: |           |       |                                   |               | 38.90  |     |      |          |
| Client ID : E05X6    |           |       |                                   |               |        |     |      |          |
| P3437-11             | E05X6     | Water | (DEL) Alkane: Cyclic21.230        | *             | 5.500  | J   |      |          |
| P3437-11             | E05X6     | Water | (S)-(+)-1,2-Propanediol           | *             | 3.000  | J   |      |          |
| P3437-11             | E05X6     | Water | 1-Phenoxypropan-2-ol              | *             | 5.300  | J   |      |          |
| P3437-11             | E05X6     | Water | Benzoic acid                      | *             | 3.300  | J   |      |          |
| P3437-11             | E05X6     | Water | n-Hexadecanoic acid               | *             | 8.200  | J   |      |          |
| P3437-11             | E05X6     | Water | Octadecanoic acid                 | *             | 2.200  | J   |      |          |
| P3437-11             | E05X6     | Water | Total Alkanes                     | *             | 5.500  |     | 0.99 | 5 ug/L   |
| Total Tics :         |           |       |                                   |               | 33.00  |     |      |          |
| Total Concentration: |           |       |                                   |               | 33.00  |     |      |          |
| Client ID : E05X9    |           |       |                                   |               |        |     |      |          |
| P3437-12             | E05X9     | Water | (DEL) Alkane: Cyclic21.231        | *             | 6.400  | J   |      |          |
| P3437-12             | E05X9     | Water | 1,3-Benzenedicarboxylic acid, bis | *             | 2.200  | J   |      |          |
| P3437-12             | E05X9     | Water | 1-Phenoxypropan-2-ol              | *             | 5.900  | J   |      |          |
| P3437-12             | E05X9     | Water | Diethyltoluamide                  | *             | 17.000 | J   |      |          |
| P3437-12             | E05X9     | Water | n-Hexadecanoic acid               | *             | 10.000 | J   |      |          |
| P3437-12             | E05X9     | Water | Octadecanoic acid                 | *             | 2.400  | J   |      |          |
| P3437-12             | E05X9     | Water | unknown-01                        | *             | 3.300  | J   |      |          |
| P3437-12             | E05X9     | Water | unknown-02                        | *             | 3.800  | J   |      |          |
| P3437-12             | E05X9     | Water | unknown-03                        | *             | 3.100  | J   |      |          |
| P3437-12             | E05X9     | Water | Total Alkanes                     | *             | 6.400  |     | 1    | 5.1 ug/L |
| Total Tics :         |           |       |                                   |               | 60.50  |     |      |          |
| P3437-12             | E05X9     | Water | 2-Methylnaphthalene               |               | 1.600  | J   | 1.6  | 5.1 ug/L |
| P3437-12             | E05X9     | Water | Acenaphthene                      |               | 1.600  | J   | 1.1  | 5.1 ug/L |
| P3437-12             | E05X9     | Water | Naphthalene                       |               | 2.500  | J   | 0.71 | 5.1 ug/L |
| Total Svoc :         |           |       |                                   |               | 5.70   |     |      |          |
| Total Concentration: |           |       |                                   |               | 66.20  |     |      |          |



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

**SDG No.:** BG080824

**Client:**

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| Sample ID | Client ID | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|-----------|---------------|---|-----|-----|-------|

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/5/2024 1: \_\_\_\_\_

Calibration Time(s): 10:38 \_\_\_\_\_

| LAB FILE ID:               |        | RRFAL1 = BG062232.D |        | RRFAL2 = BG062233.D |        | RRFAL3 = BG062234.D |       |       |
|----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                            |        | RRFAL4 = BG062235.D |        | RRFAL5 = BG062236.D |        | RRFAL6 = BG062237.D |       |       |
| COMPOUND                   | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| 1,4-Dioxane                | 0.503  | 0.599               | 0.541  | 0.466               | 0.509  |                     | 0.524 | 9.5   |
| Benzaldehyde               |        | 1.203               | 1.136  | 1.161               | 0.863  | 0.681               | 1.009 | 22.5  |
| Pyridine                   |        | 1.602               | 1.525  | 1.482               | 1.532  | 1.443               | 1.517 | 3.9   |
| Hexachloroethane           | 0.510  | 0.553               | 0.540  | 0.537               | 0.561  |                     | 0.540 | 3.6   |
| Nitrobenzene               | 0.272  | 0.353               | 0.357  | 0.382               | 0.390  |                     | 0.351 | 13.3  |
| Isophorone                 | 0.781  | 0.938               | 0.857  | 0.844               | 0.799  |                     | 0.844 | 7.3   |
| 2-Nitrophenol              | 0.089  | 0.132               | 0.148  | 0.161               | 0.173  |                     | 0.141 | 23.1  |
| 2,4-Dimethylphenol         | 0.369  | 0.435               | 0.404  | 0.409               | 0.398  |                     | 0.403 | 5.9   |
| Bis(2-Chloroethoxy)methane | 0.447  | 0.525               | 0.477  | 0.469               | 0.461  |                     | 0.476 | 6.3   |
| 2,4-Dichlorophenol         | 0.298  | 0.370               | 0.344  | 0.352               | 0.343  |                     | 0.342 | 7.8   |
| Naphthalene                | 1.056  | 1.237               | 1.161  | 1.132               | 1.099  |                     | 1.137 | 6.0   |
| 4-Chloroaniline            |        | 0.523               | 0.484  | 0.480               | 0.461  | 0.440               | 0.478 | 6.4   |
| Hexachlorobutadiene        | 0.251  | 0.274               | 0.261  | 0.256               | 0.250  |                     | 0.258 | 3.8   |
| Phenol                     |        | 2.088               | 1.974  | 2.009               | 2.007  | 1.993               | 2.014 | 2.2   |
| Caprolactam                |        | 0.131               | 0.122  | 0.120               | 0.113  | 0.111               | 0.119 | 6.6   |
| 4-Chloro-3-methylphenol    | 0.326  | 0.424               | 0.400  | 0.395               | 0.371  |                     | 0.383 | 9.7   |
| 1-Methylnaphthalene        | 0.822  | 0.886               | 0.835  | 0.777               | 0.736  |                     | 0.811 | 7.1   |
| 2-Methylnaphthalene        | 0.750  | 0.866               | 0.787  | 0.775               | 0.738  |                     | 0.783 | 6.4   |
| Hexachlorocyclopentadiene  |        | 0.218               | 0.240  | 0.245               | 0.271  | 0.295               | 0.254 | 11.7  |
| 2,4,6-Trichlorophenol      | 0.315  | 0.394               | 0.401  | 0.389               | 0.395  |                     | 0.379 | 9.5   |
| 2,4,5-Trichlorophenol      | 0.329  | 0.423               | 0.439  | 0.422               | 0.428  |                     | 0.408 | 11.0  |
| 1,1-Biphenyl               | 1.475  | 1.646               | 1.598  | 1.453               | 1.405  |                     | 1.515 | 6.7   |
| 2-Chloronaphthalene        | 1.138  | 1.291               | 1.238  | 1.123               | 1.097  |                     | 1.177 | 7.1   |
| 2-Nitroaniline             | 0.212  | 0.271               | 0.319  | 0.348               | 0.350  |                     | 0.300 | 19.6  |
| Bis(2-Chloroethyl)ether    |        | 1.564               | 1.532  | 1.507               | 1.492  | 1.369               | 1.493 | 5.0   |
| Dimethylphthalate          | 1.470  | 1.669               | 1.577  | 1.548               | 1.476  |                     | 1.548 | 5.3   |
| 2,6-Dinitrotoluene         | 0.127  | 0.194               | 0.220  | 0.248               | 0.268  |                     | 0.211 | 26.0  |
| Acenaphthylene             | 1.751  | 2.009               | 1.897  | 1.880               | 1.784  |                     | 1.864 | 5.5   |
| 3-Nitroaniline             |        | 0.232               | 0.233  | 0.259               | 0.249  | 0.230               | 0.241 | 5.3   |
| Acenaphthene               | 1.331  | 1.486               | 1.404  | 1.387               | 1.331  |                     | 1.388 | 4.6   |
| 2,4-Dinitrophenol          |        | 0.053               | 0.062  | 0.080               | 0.104  | 0.121               | 0.084 | 34.1  |
| 4-Nitrophenol              |        | 0.181               | 0.193  | 0.198               | 0.203  | 0.192               | 0.193 | 4.1   |
| Dibenzofuran               | 1.869  | 2.010               | 1.978  | 1.910               | 1.819  |                     | 1.917 | 4.1   |
| 2,4-Dinitrotoluene         | 0.188  | 0.253               | 0.309  | 0.342               | 0.358  |                     | 0.290 | 24.1  |
| Diethylphthalate           | 1.479  | 1.711               | 1.594  | 1.560               | 1.473  |                     | 1.563 | 6.2   |
| 2-Chlorophenol             | 1.249  | 1.498               | 1.488  | 1.484               | 1.546  |                     | 1.453 | 8.0   |

All other compounds must meet a minimum RRF of 0.010.

## SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/5/2024 1: \_\_\_\_\_

Calibration Time(s): 10:38 \_\_\_\_\_

| LAB FILE ID:                 |        | RRFAL1 = BG062232.D |        | RRFAL2 = BG062233.D |        | RRFAL3 = BG062234.D |       |       |
|------------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
|                              |        | RRFAL4 = BG062235.D |        | RRFAL5 = BG062236.D |        | RRFAL6 = BG062237.D |       |       |
| COMPOUND                     | RRFAL1 | RRFAL2              | RRFAL3 | RRFAL4              | RRFAL5 | RRFAL6              | RRF   | % RSD |
| Fluorene                     | 1.482  | 1.638               | 1.530  | 1.488               | 1.358  |                     | 1.499 | 6.7   |
| 4-Chlorophenyl-phenylether   | 0.771  | 0.839               | 0.790  | 0.760               | 0.705  |                     | 0.773 | 6.3   |
| 4-Nitroaniline               |        | 0.228               | 0.236  | 0.256               | 0.226  | 0.214               | 0.232 | 6.6   |
| 4,6-Dinitro-2-methylphenol   |        | 0.043               | 0.055  | 0.067               | 0.084  | 0.092               | 0.068 | 29.7  |
| N-Nitrosodiphenylamine       | 0.566  | 0.635               | 0.611  | 0.597               | 0.587  |                     | 0.599 | 4.3   |
| 1,2,4,5-Tetrachlorobenzene   | 0.624  | 0.704               | 0.664  | 0.640               | 0.633  |                     | 0.653 | 4.9   |
| 4-Bromophenyl-phenylether    | 0.210  | 0.240               | 0.235  | 0.229               | 0.225  |                     | 0.228 | 5.0   |
| Hexachlorobenzene            | 0.252  | 0.284               | 0.270  | 0.263               | 0.257  |                     | 0.265 | 4.8   |
| Atrazine                     |        | 0.245               | 0.235  | 0.228               | 0.228  | 0.213               | 0.230 | 5.1   |
| Pentachlorophenol            |        | 0.111               | 0.127  | 0.143               | 0.157  | 0.160               | 0.140 | 14.8  |
| 2-Methylphenol               |        | 1.529               | 1.541  | 1.539               | 1.537  | 1.448               | 1.519 | 2.6   |
| Phenanthrene                 | 1.072  | 1.232               | 1.148  | 1.115               | 1.061  |                     | 1.126 | 6.1   |
| Pentachlorobenzene           | 0.306  | 0.317               | 0.319  | 0.312               | 0.313  |                     | 0.313 | 1.6   |
| Anthracene                   | 1.103  | 1.266               | 1.180  | 1.143               | 1.084  |                     | 1.155 | 6.2   |
| 1,2,3,4-Tetrachlorobenzene   | 0.284  | 0.316               | 0.313  | 0.290               | 0.294  |                     | 0.300 | 4.7   |
| Carbazole                    |        | 1.050               | 0.984  | 0.961               | 0.926  | 0.817               | 0.947 | 9.1   |
| Di-n-butylphthalate          | 0.989  | 1.208               | 1.176  | 1.151               | 1.113  |                     | 1.127 | 7.5   |
| Fluoranthene                 | 1.281  | 1.452               | 1.345  | 1.358               | 1.283  |                     | 1.344 | 5.2   |
| Pyrene                       | 1.361  | 1.567               | 1.438  | 1.442               | 1.349  |                     | 1.431 | 6.1   |
| Butylbenzylphthalate         | 0.416  | 0.518               | 0.499  | 0.521               | 0.516  |                     | 0.494 | 9.0   |
| 3,3-Dichlorobenzidine        |        | 0.516               | 0.468  | 0.472               | 0.428  | 0.367               | 0.450 | 12.4  |
| 2,2-oxybis (1-Chloropropane) |        | 3.214               | 3.117  | 3.019               | 3.050  | 2.850               | 3.050 | 4.4   |
| Benzo (a) anthracene         | 1.394  | 1.591               | 1.465  | 1.461               | 1.413  |                     | 1.465 | 5.3   |
| Chrysene                     | 1.340  | 1.491               | 1.384  | 1.371               | 1.329  |                     | 1.383 | 4.7   |
| Bis (2-ethylhexyl) phthalate | 0.671  | 0.812               | 0.767  | 0.797               | 0.765  |                     | 0.762 | 7.2   |
| Di-n-octyl phthalate         |        | 1.194               | 1.143  | 1.188               | 1.147  | 1.025               | 1.139 | 6.0   |
| Benzo (b) fluoranthene       | 1.143  | 1.294               | 1.230  | 1.235               | 1.181  |                     | 1.217 | 4.7   |
| Benzo (k) fluoranthene       | 1.164  | 1.341               | 1.248  | 1.230               | 1.205  |                     | 1.238 | 5.3   |
| Benzo (a) pyrene             | 1.066  | 1.237               | 1.156  | 1.160               | 1.137  |                     | 1.151 | 5.3   |
| Indeno (1,2,3-cd) pyrene     | 1.377  | 1.557               | 1.499  | 1.519               | 1.506  |                     | 1.492 | 4.5   |
| Dibenzo (a,h) anthracene     | 1.131  | 1.292               | 1.203  | 1.252               | 1.214  |                     | 1.218 | 5.0   |
| Benzo (g,h,i) perylene       | 1.034  | 1.182               | 1.135  | 1.158               | 1.156  |                     | 1.133 | 5.1   |
| Acetophenone                 |        | 2.696               | 2.604  | 2.570               | 2.490  | 2.301               | 2.532 | 5.9   |
| 2,3,4,6-Tetrachlorophenol    | 0.282  | 0.386               | 0.386  | 0.391               | 0.391  |                     | 0.367 | 12.9  |
| 1,4-Dioxane-d8               | 0.406  | 0.512               | 0.461  | 0.465               | 0.475  |                     | 0.464 | 8.2   |
| Pyridine-d5                  |        | 1.504               | 1.440  | 1.460               | 1.496  | 1.396               | 1.459 | 3.0   |

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.: BG080524 SAS No.: BG080524 SDG No.: BG080524  
Instrument ID: \_\_\_\_\_ Calibration Date(s): 8/5/2024 1: \_\_\_\_\_  
Calibration Time(s): 10:38 \_\_\_\_\_

|                             |                     |                                  |                     |                     |                                  |                     |                                  |       |
|-----------------------------|---------------------|----------------------------------|---------------------|---------------------|----------------------------------|---------------------|----------------------------------|-------|
| LAB FILE ID:                |                     | RRF <sub>FAL1</sub> = BG062232.D |                     |                     | RRF <sub>FAL2</sub> = BG062233.D |                     | RRF <sub>FAL3</sub> = BG062234.D |       |
|                             |                     | RRF <sub>FAL4</sub> = BG062235.D |                     |                     | RRF <sub>FAL5</sub> = BG062236.D |                     | RRF <sub>FAL6</sub> = BG062237.D |       |
| COMPOUND                    | RRF <sub>FAL1</sub> | RRF <sub>FAL2</sub>              | RRF <sub>FAL3</sub> | RRF <sub>FAL4</sub> | RRF <sub>FAL5</sub>              | RRF <sub>FAL6</sub> | RRF                              | % RSD |
| Phenol-d5                   |                     | 1.937                            | 1.883               | 1.913               | 1.906                            | 1.906               | 1.909                            | 1.0   |
| Bis-(2-Chloroethyl)ether-d8 |                     | 1.236                            | 1.205               | 1.169               | 1.163                            | 1.103               | 1.175                            | 4.2   |
| 2-Chlorophenol-d4           | 1.204               | 1.373                            | 1.390               | 1.406               | 1.465                            |                     | 1.368                            | 7.1   |
| 4-Methylphenol-d8           |                     | 1.625                            | 1.586               | 1.596               | 1.619                            | 1.524               | 1.590                            | 2.5   |
| Nitrobenzene-d5             | 0.092               | 0.120                            | 0.123               | 0.136               | 0.146                            |                     | 0.123                            | 16.6  |
| 2-Nitrophenol-d4            | 0.078               | 0.106                            | 0.113               | 0.135               | 0.148                            |                     | 0.116                            | 23.3  |
| 2,4-Dichlorophenol-d3       | 0.300               | 0.362                            | 0.342               | 0.343               | 0.338                            |                     | 0.337                            | 6.8   |
| 4-Chloroaniline-d4          |                     | 0.535                            | 0.492               | 0.486               | 0.475                            | 0.455               | 0.489                            | 6.0   |
| 4-Methylphenol              |                     | 1.751                            | 1.695               | 1.702               | 1.722                            | 1.634               | 1.701                            | 2.6   |
| Dimethylphthalate-d6        | 1.467               | 1.656                            | 1.579               | 1.540               | 1.473                            |                     | 1.543                            | 5.1   |
| Acenaphthylene-d8           | 1.641               | 1.843                            | 1.793               | 1.781               | 1.690                            |                     | 1.750                            | 4.7   |
| 4-Nitrophenol-d4            |                     | 0.204                            | 0.207               | 0.226               | 0.228                            | 0.215               | 0.216                            | 5.0   |
| Fluorene-d10                | 1.314               | 1.506                            | 1.413               | 1.385               | 1.306                            |                     | 1.385                            | 5.9   |
| 4,6-Dinitro-2-methylphenol  |                     | 0.042                            | 0.047               | 0.057               | 0.071                            | 0.079               | 0.059                            | 26.7  |
| Anthracene-d10              | 0.911               | 1.046                            | 0.989               | 0.959               | 0.918                            |                     | 0.965                            | 5.8   |
| Pyrene-d10                  | 1.126               | 1.281                            | 1.200               | 1.194               | 1.143                            |                     | 1.189                            | 5.1   |
| Benzo(a)pyrene-d12          | 0.992               | 1.128                            | 1.079               | 1.081               | 1.065                            |                     | 1.069                            | 4.6   |
| N-Nitroso-di-n-propylamine  | 1.159               | 1.402                            | 1.409               | 1.386               | 1.372                            |                     | 1.346                            | 7.8   |

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D

Time Analyzed: 00:22

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    | 45117               | 7.965 | 214110              | 10.76  | 160520              | 14.59  |
|    | UPPER LIMIT    | 90234               | 8.465 | 428220              | 11.261 | 321040              | 15.085 |
|    | LOWER LIMIT    | 22558.5             | 7.465 | 107055              | 10.261 | 80260               | 14.085 |
|    | EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 | SBLK446        | 60872               | 7.96  | 279657              | 10.75  | 229487              | 14.58  |
| 02 | SBLK447        | 13744 *             | 7.96  | 52074 *             | 10.75  | 35186 *             | 14.57  |
| 03 | E05T8          | 56877               | 7.96  | 269439              | 10.75  | 219848              | 14.58  |
| 04 | E05T9          | 68948               | 7.96  | 317005              | 10.75  | 263337              | 14.57  |
| 05 | E05W2          | 57987               | 7.96  | 267542              | 10.75  | 213783              | 14.57  |
| 06 | E05W4          | 72641               | 7.96  | 333768              | 10.75  | 270827              | 14.57  |
| 07 | E05W5          | 66261               | 7.96  | 304225              | 10.75  | 250975              | 14.58  |
| 08 | E05X9          | 52835               | 7.96  | 243136              | 10.75  | 198362              | 14.58  |
| 09 | E05W7          | 66749               | 7.96  | 308939              | 10.75  | 242338              | 14.58  |
| 10 | E05W7MS        | 70837               | 7.96  | 316777              | 10.75  | 244148              | 14.58  |
| 11 | E05W7MSD       | 59939               | 7.96  | 276507              | 10.75  | 214428              | 14.58  |
| 12 | SLCS446        | 69653               | 7.96  | 326631              | 10.75  | 255269              | 14.58  |
| 13 | SLCS305        | 69613               | 7.96  | 325891              | 10.75  | 252609              | 14.57  |
| 14 | SBLK451        | 60889               | 7.96  | 279358              | 10.75  | 229702              | 14.57  |
| 15 | SBLK447        | 53586               | 7.96  | 248517              | 10.75  | 215614              | 14.57  |
| 16 | E05X2          | 71545               | 7.96  | 344671              | 10.75  | 272748              | 14.57  |
| 17 | E05X4          | 70348               | 7.96  | 340748              | 10.75  | 261167              | 14.57  |
| 18 | E05X6          | 79189               | 7.95  | 376532              | 10.75  | 288474              | 14.57  |
| 19 | SLCS451        | 77225               | 7.96  | 359675              | 10.75  | 275563              | 14.57  |
| 20 | E1GF7          | 68806               | 7.96  | 320868              | 10.75  | 255031              | 14.58  |
| 21 | E1GF8          | 77232               | 7.96  | 374295              | 10.75  | 293655              | 14.57  |
| 22 | E05Z8          | 55065               | 7.96  | 267291              | 10.75  | 211623              | 14.57  |
| 23 | E05T4          | 66929               | 7.96  | 316228              | 10.75  | 242880              | 14.57  |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 21:38

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    | 45117               | 7.965 | 214110              | 10.76  | 160520              | 14.59  |
| UPPER LIMIT    | 90234               | 8.465 | 428220              | 11.261 | 321040              | 15.085 |
| LOWER LIMIT    | 22558.5             | 7.465 | 107055              | 10.261 | 80260               | 14.085 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 24 E05T4MS     | 60552               | 7.96  | 291073              | 10.75  | 221558              | 14.57  |
| 25 E05T4MSD    | 61226               | 7.96  | 283503              | 10.75  | 213545              | 14.58  |
| 26 SBLK448     | 75526               | 7.96  | 373254              | 10.75  | 294246              | 14.57  |
| 27 SBLK447     | 60998               | 7.96  | 294871              | 10.75  | 233783              | 14.57  |
| 28 E05Z0       | 62416               | 7.96  | 298659              | 10.75  | 228959              | 14.57  |
| 29 E05Z1       | 65126               | 7.96  | 309696              | 10.75  | 238015              | 14.58  |
| 30 E05T5       | 57988               | 7.96  | 274993              | 10.75  | 211171              | 14.57  |
| 31 E05T6       | 65167               | 7.96  | 310515              | 10.75  | 236089              | 14.57  |
| 32 E05T7       | 59415               | 7.96  | 280934              | 10.75  | 209343              | 14.58  |
| 33 SLCS448     | 66290               | 7.96  | 317387              | 10.75  | 248356              | 14.58  |
| 34 SLCS447     | 73942               | 7.96  | 335347              | 10.75  | 254089              | 14.58  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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    | 60810               | 7.958 | 280662              | 10.75  | 234353              | 14.58  |
| UPPER LIMIT    | 121620              | 8.458 | 561324              | 11.254 | 468706              | 15.078 |
| LOWER LIMIT    | 30405               | 7.458 | 140331              | 10.254 | 117176.5            | 14.078 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK446     | 60872               | 7.96  | 279657              | 10.75  | 229487              | 14.58  |
| 02 SBLK447     | 13744 *             | 7.96  | 52074 *             | 10.75  | 35186 *             | 14.57  |
| 03 E05T8       | 56877               | 7.96  | 269439              | 10.75  | 219848              | 14.58  |
| 04 E05T9       | 68948               | 7.96  | 317005              | 10.75  | 263337              | 14.57  |
| 05 E05W2       | 57987               | 7.96  | 267542              | 10.75  | 213783              | 14.57  |
| 06 E05W4       | 72641               | 7.96  | 333768              | 10.75  | 270827              | 14.57  |
| 07 E05W5       | 66261               | 7.96  | 304225              | 10.75  | 250975              | 14.58  |
| 08 E05X9       | 52835               | 7.96  | 243136              | 10.75  | 198362              | 14.58  |
| 09 E05W7       | 66749               | 7.96  | 308939              | 10.75  | 242338              | 14.58  |
| 10 E05W7MS     | 70837               | 7.96  | 316777              | 10.75  | 244148              | 14.58  |
| 11 E05W7MSD    | 59939               | 7.96  | 276507              | 10.75  | 214428              | 14.58  |
| 12 SLCS446     | 69653               | 7.96  | 326631              | 10.75  | 255269              | 14.58  |
| 13 SLCS305     | 69613               | 7.96  | 325891              | 10.75  | 252609              | 14.57  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020598 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062328.D Time Analyzed: 14:45

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    | 66648               | 7.959 | 306739              | 10.75  | 255020              | 14.57  |
| UPPER LIMIT    | 133296              | 8.459 | 613478              | 11.249 | 510040              | 15.074 |
| LOWER LIMIT    | 33324               | 7.459 | 153369.5            | 10.249 | 127510              | 14.074 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK451     | 60889               | 7.96  | 279358              | 10.75  | 229702              | 14.57  |
| 02 SBLK447     | 53586               | 7.96  | 248517              | 10.75  | 215614              | 14.57  |
| 03 E05X2       | 71545               | 7.96  | 344671              | 10.75  | 272748              | 14.57  |
| 04 E05X4       | 70348               | 7.96  | 340748              | 10.75  | 261167              | 14.57  |
| 05 E05X6       | 79189               | 7.95  | 376532              | 10.75  | 288474              | 14.57  |
| 06 SLCS451     | 77225               | 7.96  | 359675              | 10.75  | 275563              | 14.57  |
| 07 E1GF7       | 68806               | 7.96  | 320868              | 10.75  | 255031              | 14.58  |
| 08 E1GF8       | 77232               | 7.96  | 374295              | 10.75  | 293655              | 14.57  |
| 09 E05Z8       | 55065               | 7.96  | 267291              | 10.75  | 211623              | 14.57  |
| 10 E05T4       | 66929               | 7.96  | 316228              | 10.75  | 242880              | 14.57  |
| 11 E05T4MS     | 60552               | 7.96  | 291073              | 10.75  | 221558              | 14.57  |
| 12 E05T4MSD    | 61226               | 7.96  | 283503              | 10.75  | 213545              | 14.58  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020599 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062341.D Time Analyzed: 01:05

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    | 56415               | 7.957 | 267016              | 10.75  | 204366              | 14.57  |
| UPPER LIMIT    | 112830              | 8.457 | 534032              | 11.254 | 408732              | 15.072 |
| LOWER LIMIT    | 28207.5             | 7.457 | 133508              | 10.254 | 102183              | 14.072 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 SBLK448     | 75526               | 7.96  | 373254              | 10.75  | 294246              | 14.57  |
| 02 SBLK447     | 60998               | 7.96  | 294871              | 10.75  | 233783              | 14.57  |
| 03 E05Z0       | 62416               | 7.96  | 298659              | 10.75  | 228959              | 14.57  |
| 04 E05Z1       | 65126               | 7.96  | 309696              | 10.75  | 238015              | 14.58  |
| 05 E05T5       | 57988               | 7.96  | 274993              | 10.75  | 211171              | 14.57  |
| 06 E05T6       | 65167               | 7.96  | 310515              | 10.75  | 236089              | 14.57  |
| 07 E05T7       | 59415               | 7.96  | 280934              | 10.75  | 209343              | 14.58  |
| 08 SLCS448     | 66290               | 7.96  | 317387              | 10.75  | 248356              | 14.58  |
| 09 SLCS447     | 73942               | 7.96  | 335347              | 10.75  | 254089              | 14.58  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 00:22

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    | 357990              | 17.329 | 353741              | 21.576 | 398635              | 24.672 |
|    | UPPER LIMIT    | 715980              | 17.829 | 707482              | 22.076 | 797270              | 25.172 |
|    | LOWER LIMIT    | 178995              | 16.829 | 176870.5            | 21.076 | 199317.5            | 24.172 |
|    | EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 | SBLK446        | 483647              | 17.31  | 476843              | 21.55  | 556069              | 24.64  |
| 02 | SBLK447        | 71675 *             | 17.32  | 71384 *             | 21.55  | 74156 *             | 24.63  |
| 03 | E05T8          | 472370              | 17.32  | 472445              | 21.55  | 547821              | 24.65  |
| 04 | E05T9          | 562019              | 17.32  | 559000              | 21.55  | 648089              | 24.64  |
| 05 | E05W2          | 457164              | 17.31  | 449779              | 21.55  | 522729              | 24.64  |
| 06 | E05W4          | 569869              | 17.32  | 553493              | 21.55  | 637643              | 24.65  |
| 07 | E05W5          | 527006              | 17.32  | 511306              | 21.55  | 598240              | 24.64  |
| 08 | E05X9          | 441042              | 17.31  | 429566              | 21.55  | 500645              | 24.64  |
| 09 | E05W7          | 512665              | 17.31  | 496541              | 21.56  | 572188              | 24.64  |
| 10 | E05W7MS        | 521039              | 17.31  | 513905              | 21.56  | 592908              | 24.65  |
| 11 | E05W7MSD       | 454270              | 17.32  | 448651              | 21.56  | 517567              | 24.64  |
| 12 | SLCS446        | 542768              | 17.32  | 540182              | 21.56  | 616474              | 24.64  |
| 13 | SLCS305        | 525666              | 17.32  | 514596              | 21.56  | 582714              | 24.64  |
| 14 | SBLK451        | 503295              | 17.32  | 509014              | 21.55  | 596020              | 24.64  |
| 15 | SBLK447        | 468467              | 17.31  | 474320              | 21.55  | 555689              | 24.64  |
| 16 | E05X2          | 562422              | 17.31  | 554776              | 21.55  | 620727              | 24.64  |
| 17 | E05X4          | 550847              | 17.31  | 538662              | 21.55  | 628310              | 24.64  |
| 18 | E05X6          | 602842              | 17.31  | 587583              | 21.55  | 690330              | 24.64  |
| 19 | SLCS451        | 585075              | 17.31  | 568158              | 21.55  | 641939              | 24.64  |
| 20 | E1GF7          | 550386              | 17.31  | 553265              | 21.55  | 648345              | 24.64  |
| 21 | E1GF8          | 627433              | 17.32  | 626780              | 21.55  | 734113              | 24.64  |

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020427 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 20:15

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    | 357990              | 17.329 | 353741              | 21.576 | 398635              | 24.672 |
| UPPER LIMIT    | 715980              | 17.829 | 707482              | 22.076 | 797270              | 25.172 |
| LOWER LIMIT    | 178995              | 16.829 | 176870.5            | 21.076 | 199317.5            | 24.172 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 22 E05Z8       | 471083              | 17.31  | 466569              | 21.55  | 548022              | 24.64  |
| 23 E05T4       | 527181              | 17.31  | 526106              | 21.55  | 609442              | 24.64  |
| 24 E05T4MS     | 475595              | 17.32  | 467891              | 21.55  | 534955              | 24.64  |
| 25 E05T4MSD    | 457899              | 17.31  | 450555              | 21.55  | 517170              | 24.64  |
| 26 SBLK448     | 638948              | 17.32  | 646220              | 21.55  | 761420              | 24.64  |
| 27 SBLK447     | 495725              | 17.32  | 498239              | 21.55  | 580118              | 24.64  |
| 28 E05Z0       | 484763              | 17.32  | 477291              | 21.55  | 553266              | 24.64  |
| 29 E05Z1       | 516227              | 17.31  | 513276              | 21.55  | 602374              | 24.64  |
| 30 E05T5       | 450937              | 17.31  | 444486              | 21.55  | 513406              | 24.64  |
| 31 E05T6       | 503993              | 17.32  | 494458              | 21.55  | 576299              | 24.64  |
| 32 E05T7       | 448193              | 17.31  | 439301              | 21.55  | 511385              | 24.64  |
| 33 SLCS448     | 532677              | 17.31  | 529971              | 21.55  | 602463              | 24.64  |
| 34 SLCS447     | 534221              | 17.32  | 546898              | 21.56  | 620251              | 24.64  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020596 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062312.D Time Analyzed: 00:22

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    | 511560              | 17.316 | 526895              | 21.557 | 604367              | 24.641 |
| UPPER LIMIT    | 1023120             | 17.816 | 1053790             | 22.057 | 1208734             | 25.141 |
| LOWER LIMIT    | 255780              | 16.816 | 263447.5            | 21.057 | 302183.5            | 24.141 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK446     | 483647              | 17.31  | 476843              | 21.55  | 556069              | 24.64  |
| 02 SBLK447     | 71675 *             | 17.32  | 71384 *             | 21.55  | 74156 *             | 24.63  |
| 03 E05T8       | 472370              | 17.32  | 472445              | 21.55  | 547821              | 24.65  |
| 04 E05T9       | 562019              | 17.32  | 559000              | 21.55  | 648089              | 24.64  |
| 05 E05W2       | 457164              | 17.31  | 449779              | 21.55  | 522729              | 24.64  |
| 06 E05W4       | 569869              | 17.32  | 553493              | 21.55  | 637643              | 24.65  |
| 07 E05W5       | 527006              | 17.32  | 511306              | 21.55  | 598240              | 24.64  |
| 08 E05X9       | 441042              | 17.31  | 429566              | 21.55  | 500645              | 24.64  |
| 09 E05W7       | 512665              | 17.31  | 496541              | 21.56  | 572188              | 24.64  |
| 10 E05W7MS     | 521039              | 17.31  | 513905              | 21.56  | 592908              | 24.65  |
| 11 E05W7MSD    | 454270              | 17.32  | 448651              | 21.56  | 517567              | 24.64  |
| 12 SLCS446     | 542768              | 17.32  | 540182              | 21.56  | 616474              | 24.64  |
| 13 SLCS305     | 525666              | 17.32  | 514596              | 21.56  | 582714              | 24.64  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020598 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BG062328.D Time Analyzed: 14:45

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    | 551345              | 17.317 | 556337              | 21.552 | 638279              | 24.636 |
| UPPER LIMIT    | 1102690             | 17.817 | 1112674             | 22.052 | 1276558             | 25.136 |
| LOWER LIMIT    | 275672.5            | 16.817 | 278168.5            | 21.052 | 319139.5            | 24.136 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK451     | 503295              | 17.32  | 509014              | 21.55  | 596020              | 24.64  |
| 02 SBLK447     | 468467              | 17.31  | 474320              | 21.55  | 555689              | 24.64  |
| 03 E05X2       | 562422              | 17.31  | 554776              | 21.55  | 620727              | 24.64  |
| 04 E05X4       | 550847              | 17.31  | 538662              | 21.55  | 628310              | 24.64  |
| 05 E05X6       | 602842              | 17.31  | 587583              | 21.55  | 690330              | 24.64  |
| 06 SLCS451     | 585075              | 17.31  | 568158              | 21.55  | 641939              | 24.64  |
| 07 E1GF7       | 550386              | 17.31  | 553265              | 21.55  | 648345              | 24.64  |
| 08 E1GF8       | 627433              | 17.32  | 626780              | 21.55  | 734113              | 24.64  |
| 09 E05Z8       | 471083              | 17.31  | 466569              | 21.55  | 548022              | 24.64  |
| 10 E05T4       | 527181              | 17.31  | 526106              | 21.55  | 609442              | 24.64  |
| 11 E05T4MS     | 475595              | 17.32  | 467891              | 21.55  | 534955              | 24.64  |
| 12 E05T4MSD    | 457899              | 17.31  | 450555              | 21.55  | 517170              | 24.64  |

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.: BG080824 SAS No.: BG080824 SDG NO.: BG080824

EPA Sample No.: SSTD020599 Date Analyzed: Aug 9 2024 12:00AM

Lab File ID: BG062341.D Time Analyzed: 01:05

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    | 442957              | 17.315 | 438048              | 21.551 | 504808              | 24.635 |
| UPPER LIMIT    | 885914              | 17.815 | 876096              | 22.051 | 1009616             | 25.135 |
| LOWER LIMIT    | 221478.5            | 16.815 | 219024              | 21.051 | 252404              | 24.135 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 SBLK448     | 638948              | 17.32  | 646220              | 21.55  | 761420              | 24.64  |
| 02 SBLK447     | 495725              | 17.32  | 498239              | 21.55  | 580118              | 24.64  |
| 03 E05Z0       | 484763              | 17.32  | 477291              | 21.55  | 553266              | 24.64  |
| 04 E05Z1       | 516227              | 17.31  | 513276              | 21.55  | 602374              | 24.64  |
| 05 E05T5       | 450937              | 17.31  | 444486              | 21.55  | 513406              | 24.64  |
| 06 E05T6       | 503993              | 17.32  | 494458              | 21.55  | 576299              | 24.64  |
| 07 E05T7       | 448193              | 17.31  | 439301              | 21.55  | 511385              | 24.64  |
| 08 SLCS448     | 532677              | 17.31  | 529971              | 21.55  | 602463              | 24.64  |
| 09 SLCS447     | 534221              | 17.32  | 546898              | 21.56  | 620251              | 24.64  |

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.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                             |       |        |      |     |     |      | Qual | Low    | High |     |
| PB162305BS    | 1,4-Dioxane                 | 16    | 8.4    | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Benzaldehyde                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Pyridine                    | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Phenol                      | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Chlorophenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Acetophenone                | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Hexachloroethane            | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Nitrobenzene                | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Isophorone                  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Nitrophenol               | 40    | 37     | ug/L | 93  |     |      |      | 0      | 0    |     |
|               | 2,4-Dimethylphenol          | 40    | 21     | ug/L | 52  |     |      |      | 0      | 0    |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4-Dichlorophenol          | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Naphthalene                 | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 4-Chloroaniline             | 40    | 22     | ug/L | 55  |     |      |      | 0      | 0    |     |
|               | Hexachlorobutadiene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Caprolactam                 | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Chloro-3-methylphenol     | 40    | 30     | ug/L | 75  |     |      |      | 0      | 0    |     |
|               | 1-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2-Methylnaphthalene         | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Hexachlorocyclopentadiene   | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 2,4,6-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2,4,5-Trichlorophenol       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 1,1'-Biphenyl               | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Chloronaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 2-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,6-Dinitrotoluene          | 40    | 38     | ug/L | 95  |     |      |      | 0      | 0    |     |
|               | Acenaphthylene              | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 3-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0      | 0    |     |
|               | Acenaphthene                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrophenol           | 40    | 43     | ug/L | 108 |     |      |      | 0      | 0    |     |
|               | 4-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Dibenzofuran                | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 2,4-Dinitrotoluene          | 40    | 40     | ug/L | 100 |     |      |      | 0      | 0    |     |
|               | Diethylphthalate            | 40    | 25     | ug/L | 63  |     |      |      | 0      | 0    |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 4-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0      | 0    |     |

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

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     |      | Qual |     | High   |     |
| PB162305BS    | 4,6-Dinitro-2-methylphenol | 40    | 46     | ug/L | 115 |     |      |      | 0   | 0      |     |
|               | N-Nitrosodiphenylamine     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Bromophenyl-phenylether  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Atrazine                   | 40    | 2.6    | ug/L | 7   |     |      |      | 0   | 0      |     |
|               | Pentachlorophenol          | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | Phenanthrene               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Pentachlorobenzene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Anthracene                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Carbazole                  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Fluoranthene               | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Pyrene                     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Butylbenzylphthalate       | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Benzo(a)anthracene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Chrysene                   | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Di-n-octylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(b)fluoranthene       | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Benzo(k)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(a)pyrene             | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Dibenzo(a,h)anthracene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(g,h,i)perylene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB162446BS    | 1,4-Dioxane                 | 16    | 9.1    | ug/L | 57  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 40    | 38     | ug/L | 95  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 40    | 33     | ug/L | 83  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 40    | 42     | ug/L | 105 |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 40    | 40     | ug/L | 100 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB162446BS    | 4,6-Dinitro-2-methylphenol | 40    | 45     | ug/L | 113 |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 40    | 2.9    | ug/L | 7   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB162447BS    | 1,4-Dioxane                 | 16    | 8.5    | ug/L | 53  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 40    | 20     | ug/L | 50  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 40    | 45     | ug/L | 113 |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 40    | 41     | ug/L | 103 |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |

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

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC** DataFile: \_\_\_\_\_

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|-----|
|               |                            |       |        |      |     |     |      | Qual |     | High   |     |
| PB162447BS    | 4,6-Dinitro-2-methylphenol | 40    | 47     | ug/L | 117 |     |      |      | 0   | 0      |     |
|               | N-Nitrosodiphenylamine     | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 4-Bromophenyl-phenylether  | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Atrazine                   | 40    | 2.4    | ug/L | 6   |     |      |      | 0   | 0      |     |
|               | Pentachlorophenol          | 40    | 24     | ug/L | 60  |     |      |      | 0   | 0      |     |
|               | Phenanthrene               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Pentachlorobenzene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Anthracene                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Carbazole                  | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Di-n-butylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Fluoranthene               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Pyrene                     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |     |
|               | Butylbenzylphthalate       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 30     | ug/L | 75  |     |      |      | 0   | 0      |     |
|               | Benzo(a)anthracene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Chrysene                   | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Di-n-octylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(b)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(k)fluoranthene       | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Benzo(a)pyrene             | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Dibenzo(a,h)anthracene     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | Benzo(g,h,i)perylene       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      | Qual |     | High   |     |
| PB162448BS    | 1,4-Dioxane                 | 530   | 330    | ug/Kg | 62  |     |      |      | 0   | 0      |     |
|               | Benzaldehyde                | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |     |
|               | Pyridine                    | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | Phenol                      | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethyl)ether     | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | 2-Chlorophenol              | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |     |
|               | 2-Methylphenol              | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |     |
|               | 2,2-oxybis(1-Chloropropane) | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |     |
|               | Acetophenone                | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | 4-Methylphenol              | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |     |
|               | N-Nitroso-di-n-propylamine  | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | Hexachloroethane            | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |     |
|               | Nitrobenzene                | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |     |
|               | Isophorone                  | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |     |
|               | 2-Nitrophenol               | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |     |
|               | 2,4-Dimethylphenol          | 1300  | 750    | ug/Kg | 58  |     |      |      | 0   | 0      |     |
|               | Bis(2-chloroethoxy)methane  | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |     |
|               | 2,4-Dichlorophenol          | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |     |
|               | Naphthalene                 | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | 4-Chloroaniline             | 1300  | 820    | ug/Kg | 63  |     |      |      | 0   | 0      |     |
|               | Hexachlorobutadiene         | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | Caprolactam                 | 1300  | 960    | ug/Kg | 74  |     |      |      | 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  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |     |
|               | Hexachlorocyclopentadiene   | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |     |
|               | 2,4,6-Trichlorophenol       | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |     |
|               | 2,4,5-Trichlorophenol       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |     |
|               | 1,1'-Biphenyl               | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | 2-Chloronaphthalene         | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |     |
|               | 2-Nitroaniline              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |     |
|               | Dimethylphthalate           | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | 2,6-Dinitrotoluene          | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |     |
|               | Acenaphthylene              | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |     |
|               | 3-Nitroaniline              | 1300  | 1200   | ug/Kg | 92  |     |      |      | 0   | 0      |     |
|               | Acenaphthene                | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrophenol           | 1300  | 1700   | ug/Kg | 131 |     |      |      | 0   | 0      |     |
|               | 4-Nitrophenol               | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |     |
|               | Dibenzofuran                | 1300  | 950    | ug/Kg | 73  |     |      |      | 0   | 0      |     |
|               | 2,4-Dinitrotoluene          | 1300  | 1500   | ug/Kg | 115 |     |      |      | 0   | 0      |     |
|               | Diethylphthalate            | 1300  | 930    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | Fluorene                    | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |     |
|               | 4-Chlorophenyl-phenylether  | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |     |
|               | 4-Nitroaniline              | 1300  | 1300   | ug/Kg | 100 |     |      |      | 0   | 0      |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit  | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|----------------------------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |                            |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB162448BS    | 4,6-Dinitro-2-methylphenol | 1300  | 1700   | ug/Kg | 131 |     |      |      | 0   | 0      |  |     |
|               | N-Nitrosodiphenylamine     | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | 1,2,4,5-Tetrachlorobenzene | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 4-Bromophenyl-phenylether  | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobenzene          | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Atrazine                   | 1300  | 93     | ug/Kg | 7   |     |      |      | 0   | 0      |  |     |
|               | Pentachlorophenol          | 1300  | 860    | ug/Kg | 66  |     |      |      | 0   | 0      |  |     |
|               | Phenanthrene               | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Pentachlorobenzene         | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Anthracene                 | 1300  | 940    | ug/Kg | 72  |     |      |      | 0   | 0      |  |     |
|               | 1,2,3,4-Tetrachlorobenzene | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Carbazole                  | 1300  | 980    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Di-n-butylphthalate        | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Fluoranthene               | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Pyrene                     | 1300  | 960    | ug/Kg | 74  |     |      |      | 0   | 0      |  |     |
|               | Butylbenzylphthalate       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 3,3'-Dichlorobenzidine     | 1300  | 1100   | ug/Kg | 85  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)anthracene         | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Chrysene                   | 1300  | 990    | ug/Kg | 76  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-ethylhexyl)phthalate | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Di-n-octylphthalate        | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(b)fluoranthene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(k)fluoranthene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(a)pyrene             | 1300  | 970    | ug/Kg | 75  |     |      |      | 0   | 0      |  |     |
|               | Indeno(1,2,3-cd)pyrene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Dibenzo(a,h)anthracene     | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | Benzo(g,h,i)perylene       | 1300  | 1000   | ug/Kg | 77  |     |      |      | 0   | 0      |  |     |
|               | 2,3,4,6-Tetrachlorophenol  | 1300  | 890    | ug/Kg | 68  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                   | Spike | Result | Unit | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------------------------|-------|--------|------|-----|-----|------|------|-----|--------|--|-----|
|               |                             |       |        |      |     |     |      | Qual | Low | High   |  |     |
| PB162451BS    | 1,4-Dioxane                 | 16    | 8.5    | ug/L | 53  |     |      |      | 0   | 0      |  |     |
|               | Benzaldehyde                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Pyridine                    | 40    | 23     | ug/L | 58  |     |      |      | 0   | 0      |  |     |
|               | Phenol                      | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethyl)ether     | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Chlorophenol              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylphenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,2-oxybis(1-Chloropropane) | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Acetophenone                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 4-Methylphenol              | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | N-Nitroso-di-n-propylamine  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Hexachloroethane            | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Nitrobenzene                | 40    | 31     | ug/L | 78  |     |      |      | 0   | 0      |  |     |
|               | Isophorone                  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitrophenol               | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dimethylphenol          | 40    | 20     | ug/L | 50  |     |      |      | 0   | 0      |  |     |
|               | Bis(2-chloroethoxy)methane  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dichlorophenol          | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Naphthalene                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloroaniline             | 40    | 22     | ug/L | 55  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorobutadiene         | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | Caprolactam                 | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Chloro-3-methylphenol     | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 1-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Methylnaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | Hexachlorocyclopentadiene   | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,6-Trichlorophenol       | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4,5-Trichlorophenol       | 40    | 28     | ug/L | 70  |     |      |      | 0   | 0      |  |     |
|               | 1,1'-Biphenyl               | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Chloronaphthalene         | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 2-Nitroaniline              | 40    | 34     | ug/L | 85  |     |      |      | 0   | 0      |  |     |
|               | Dimethylphthalate           | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,6-Dinitrotoluene          | 40    | 37     | ug/L | 93  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthylene              | 40    | 27     | ug/L | 68  |     |      |      | 0   | 0      |  |     |
|               | 3-Nitroaniline              | 40    | 32     | ug/L | 80  |     |      |      | 0   | 0      |  |     |
|               | Acenaphthene                | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrophenol           | 40    | 45     | ug/L | 113 |     |      |      | 0   | 0      |  |     |
|               | 4-Nitrophenol               | 40    | 29     | ug/L | 73  |     |      |      | 0   | 0      |  |     |
|               | Dibenzofuran                | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 2,4-Dinitrotoluene          | 40    | 39     | ug/L | 98  |     |      |      | 0   | 0      |  |     |
|               | Diethylphthalate            | 40    | 25     | ug/L | 63  |     |      |      | 0   | 0      |  |     |
|               | Fluorene                    | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Chlorophenyl-phenylether  | 40    | 26     | ug/L | 65  |     |      |      | 0   | 0      |  |     |
|               | 4-Nitroaniline              | 40    | 35     | ug/L | 88  |     |      |      | 0   | 0      |  |     |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

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

| Lab Sample ID | Parameter                  | Spike | Result | Unit | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|----------------------------|-------|--------|------|-----|-----|------|------|--------|------|-----|
|               |                            |       |        |      |     |     |      | Qual | Low    | High |     |
| PB162451BS    | 4,6-Dinitro-2-methylphenol | 40    | 46     | ug/L | 115 |     |      |      | 0      | 0    |     |
|               | N-Nitrosodiphenylamine     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | 1,2,4,5-Tetrachlorobenzene | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 4-Bromophenyl-phenylether  | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Hexachlorobenzene          | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Atrazine                   | 40    | 2.2    | ug/L | 6   |     |      |      | 0      | 0    |     |
|               | Pentachlorophenol          | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |
|               | Phenanthrene               | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Pentachlorobenzene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Anthracene                 | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | 1,2,3,4-Tetrachlorobenzene | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Carbazole                  | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Di-n-butylphthalate        | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Fluoranthene               | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Pyrene                     | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Butylbenzylphthalate       | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | 3,3'-Dichlorobenzidine     | 40    | 29     | ug/L | 73  |     |      |      | 0      | 0    |     |
|               | Benzo(a)anthracene         | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Chrysene                   | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Bis(2-ethylhexyl)phthalate | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Di-n-octylphthalate        | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Benzo(b)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Benzo(k)fluoranthene       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Benzo(a)pyrene             | 40    | 26     | ug/L | 65  |     |      |      | 0      | 0    |     |
|               | Indeno(1,2,3-cd)pyrene     | 40    | 27     | ug/L | 68  |     |      |      | 0      | 0    |     |
|               | Dibenzo(a,h)anthracene     | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | Benzo(g,h,i)perylene       | 40    | 28     | ug/L | 70  |     |      |      | 0      | 0    |     |
|               | 2,3,4,6-Tetrachlorophenol  | 40    | 24     | ug/L | 60  |     |      |      | 0      | 0    |     |

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS305

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062325.D

Lab Sample ID: PB162305BS

Instrument ID: BNA\_G

Date Extracted: 07/25/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 08:39

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB162305BS        | PB162305BS       | BG062325.D     | 08/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK446

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062313.D

Lab Sample ID: PB162446BL

Instrument ID: BNA\_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 00:22

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 |
|-------------------|------------------|----------------|------------------|
| E05T8             | P3437-01         | BG062315.D     | 08/08/2024       |
| E05T9             | P3437-02         | BG062316.D     | 08/08/2024       |
| E05W2             | P3437-03         | BG062317.D     | 08/08/2024       |
| E05W4             | P3437-04         | BG062318.D     | 08/08/2024       |
| E05W5             | P3437-05         | BG062319.D     | 08/08/2024       |
| E05X9             | P3437-12         | BG062320.D     | 08/08/2024       |
| PB162446BS        | PB162446BS       | BG062324.D     | 08/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK447

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062343.D

Lab Sample ID: PB162447BL

Instrument ID: BNA\_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 01:47

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 |
|-------------------|------------------|----------------|------------------|
| E05X2             | P3437-09         | BG062331.D     | 08/08/2024       |
| E05X4             | P3437-10         | BG062332.D     | 08/08/2024       |
| E05X6             | P3437-11         | BG062333.D     | 08/08/2024       |
| E05W7             | P3437-06         | BG062321.D     | 08/08/2024       |
| E05W7MS           | P3437-07MS       | BG062322.D     | 08/08/2024       |
| E05W7MSD          | P3437-08MSD      | BG062323.D     | 08/08/2024       |
| PB162447BS        | PB162447BS       | BG062350.D     | 08/09/2024       |

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

\_\_\_\_\_

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK448

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062342.D

Lab Sample ID: PB162448BL

Instrument ID: BNA\_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/09/2024

Level: (low/med) LOW

Time Analyzed: 01:05

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 |
|-------------------|------------------|----------------|------------------|
| E05Z0             | P3434-09         | BG062344.D     | 08/09/2024       |
| E05Z1             | P3434-10         | BG062345.D     | 08/09/2024       |
| E05T5             | P3434-04         | BG062346.D     | 08/09/2024       |
| E05T6             | P3434-05         | BG062347.D     | 08/09/2024       |
| E05T7             | P3434-06         | BG062348.D     | 08/09/2024       |
| PB162448BS        | PB162448BS       | BG062349.D     | 08/09/2024       |
| E05Z8             | P3434-14         | BG062337.D     | 08/08/2024       |
| E05T4             | P3434-01         | BG062338.D     | 08/08/2024       |
| E05T4MS           | P3434-02MS       | BG062339.D     | 08/08/2024       |
| E05T4MSD          | P3434-03MSD      | BG062340.D     | 08/08/2024       |

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK451

Lab Name: CHEMTECH

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

Lab Code: CHEM Case No.: BG080824

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062329.D

Lab Sample ID: PB162451BL

Instrument ID: BNA\_G

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 14:45

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 |
|-------------------|------------------|----------------|------------------|
| PB162451BS        | PB162451BS       | BG062334.D     | 08/08/2024       |
| E1GF7             | P3401-11         | BG062335.D     | 08/08/2024       |
| E1GF8             | P3401-12         | BG062336.D     | 08/08/2024       |

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

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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>P3434-02MS</b> | <b>Client Sample ID:</b> | <b>E05T4MS</b> |       |     |          | <b>DataFile:</b> | <b>BG062339.D</b> |     |             |     |
| 1,4-Dioxane                 | 530               |                          | 360            | ug/Kg | 68  |          |                  |                   | 15  | 120         |     |
| Benzaldehyde                | 1300              |                          | 1200           | ug/Kg | 92  |          |                  |                   | 0   | 0           |     |
| Pyridine                    | 1300              |                          | 970            | ug/Kg | 75  |          |                  |                   | 0   | 0           |     |
| Phenol                      | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 26  | 90          |     |
| Bis(2-chloroethyl)ether     | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2-Chlorophenol              | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 25  | 102         |     |
| 2-Methylphenol              | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| Acetophenone                | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 4-Methylphenol              | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| N-Nitroso-di-n-propylamine  | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 41  | 126         |     |
| Hexachloroethane            | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 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              |                          | 760            | ug/Kg | 58  |          |                  |                   | 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              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| Caprolactam                 | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 4-Chloro-3-methylphenol     | 1300              |                          | 1200           | ug/Kg | 92  |          |                  |                   | 26  | 103         |     |
| 1-Methylnaphthalene         | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2-Methylnaphthalene         | 1300              |                          | 1200           | ug/Kg | 92  |          |                  |                   | 0   | 0           |     |
| Hexachlorocyclopentadiene   | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2,4,6-Trichlorophenol       | 1300              |                          | 1300           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 2,4,5-Trichlorophenol       | 1300              |                          | 1300           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| 1,1'-Biphenyl               | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2-Chloronaphthalene         | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2-Nitroaniline              | 1300              |                          | 1500           | ug/Kg | 115 |          |                  |                   | 0   | 0           |     |
| Dimethylphthalate           | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2,6-Dinitrotoluene          | 1300              |                          | 1600           | ug/Kg | 123 |          |                  |                   | 0   | 0           |     |
| Acenaphthylene              | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 3-Nitroaniline              | 1300              |                          | 1300           | ug/Kg | 100 |          |                  |                   | 0   | 0           |     |
| Acenaphthene                | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 31  | 137         |     |
| 2,4-Dinitrophenol           | 1300              |                          | 1900           | ug/Kg | 146 |          |                  |                   | 0   | 0           |     |
| 4-Nitrophenol               | 1300              |                          | 1300           | ug/Kg | 100 |          |                  |                   | 11  | 114         |     |
| Dibenzofuran                | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |
| 2,4-Dinitrotoluene          | 1300              |                          | 1600           | ug/Kg | 123 | *        |                  |                   | 28  | 89          |     |
| 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           |     |
| 4,6-Dinitro-2-methylphenol  | 1300              |                          | 1900           | ug/Kg | 146 |          |                  |                   | 0   | 0           |     |
| N-Nitrosodiphenylamine      | 1300              |                          | 1100           | ug/Kg | 85  |          |                  |                   | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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 | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| 4-Bromophenyl-phenylether  | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Hexachlorobenzene          | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Atrazine                   | 1300  |               | 1000   | ug/Kg | 77  |          |     |          | 0   | 0           |     |
| Pentachlorophenol          | 1300  |               | 1400   | ug/Kg | 108 |          |     |          | 17  | 109         |     |
| 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  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Carbazole                  | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 0   | 0           |     |
| Di-n-butylphthalate        | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Fluoranthene               | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 0   | 0           |     |
| Pyrene                     | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 35  | 142         |     |
| Butylbenzylphthalate       | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| 3,3'-Dichlorobenzidine     | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 0   | 0           |     |
| Benzo(a)anthracene         | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Chrysene                   | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 0   | 0           |     |
| Bis(2-ethylhexyl)phthalate | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Di-n-octylphthalate        | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Benzo(b)fluoranthene       | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Benzo(k)fluoranthene       | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Benzo(a)pyrene             | 1300  |               | 1100   | ug/Kg | 85  |          |     |          | 0   | 0           |     |
| Indeno(1,2,3-cd)pyrene     | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Dibenzo(a,h)anthracene     | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| Benzo(g,h,i)perylene       | 1300  |               | 1200   | ug/Kg | 92  |          |     |          | 0   | 0           |     |
| 2,3,4,6-Tetrachlorophenol  | 1300  |               | 1300   | ug/Kg | 100 |          |     |          | 0   | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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>P3434-03MSD</b> | <b>Client Sample ID:</b> | <b>E05T4MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG062340.D</b> |             |     |
| 1,4-Dioxane                 | 530                |                          | 310             | ug/Kg | 58  |          | 16  |                  | 15                | 120         | 50  |
| Benzaldehyde                | 1300               |                          | 1100            | ug/Kg | 85  |          | 8   | *                | 0                 | 0           | 0   |
| Pyridine                    | 1300               |                          | 800             | ug/Kg | 62  |          | 19  | *                | 0                 | 0           | 0   |
| Phenol                      | 1300               |                          | 990             | ug/Kg | 76  |          | 11  |                  | 26                | 90          | 35  |
| Bis(2-chloroethyl)ether     | 1300               |                          | 950             | ug/Kg | 73  |          | 15  | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 1300               |                          | 970             | ug/Kg | 75  |          | 13  |                  | 25                | 102         | 50  |
| 2-Methylphenol              | 1300               |                          | 940             | ug/Kg | 72  |          | 17  | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 1300               |                          | 960             | ug/Kg | 74  |          | 14  | *                | 0                 | 0           | 0   |
| Acetophenone                | 1300               |                          | 950             | ug/Kg | 73  |          | 15  | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 1300               |                          | 980             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 1300               |                          | 980             | ug/Kg | 75  |          | 13  |                  | 41                | 126         | 38  |
| Hexachloroethane            | 1300               |                          | 990             | ug/Kg | 76  |          | 11  | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 1300               |                          | 1100            | ug/Kg | 85  |          | 16  | *                | 0                 | 0           | 0   |
| Isophorone                  | 1300               |                          | 970             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 1300               |                          | 1400            | ug/Kg | 108 |          | 6   | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 1300               |                          | 730             | ug/Kg | 56  |          | 4   | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 1300               |                          | 980             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 1300               |                          | 1100            | ug/Kg | 85  |          | 8   | *                | 0                 | 0           | 0   |
| Naphthalene                 | 1300               |                          | 980             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 1300               |                          | 830             | ug/Kg | 64  |          | 13  | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 1300               |                          | 970             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| Caprolactam                 | 1300               |                          | 920             | ug/Kg | 71  |          | 18  | *                | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 1300               |                          | 1100            | ug/Kg | 85  |          | 8   |                  | 26                | 103         | 33  |
| 1-Methylnaphthalene         | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 1300               |                          | 1100            | ug/Kg | 85  |          | 8   | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 1300               |                          | 970             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 1300               |                          | 1100            | ug/Kg | 85  |          | 16  | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 1300               |                          | 1100            | ug/Kg | 85  |          | 16  | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 1300               |                          | 1300            | ug/Kg | 100 |          | 14  | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 1300               |                          | 980             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 1300               |                          | 1400            | ug/Kg | 108 |          | 13  | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 1300               |                          | 1200            | ug/Kg | 92  |          | 8   | *                | 0                 | 0           | 0   |
| Acenaphthene                | 1300               |                          | 980             | ug/Kg | 75  |          | 13  |                  | 31                | 137         | 19  |
| 2,4-Dinitrophenol           | 1300               |                          | 1700            | ug/Kg | 131 |          | 11  | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 1300               |                          | 1100            | ug/Kg | 85  |          | 16  |                  | 11                | 114         | 50  |
| Dibenzofuran                | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 1300               |                          | 1500            | ug/Kg | 115 | *        | 7   |                  | 28                | 89          | 47  |
| Diethylphthalate            | 1300               |                          | 950             | ug/Kg | 73  |          | 15  | *                | 0                 | 0           | 0   |
| Fluorene                    | 1300               |                          | 990             | ug/Kg | 76  |          | 11  | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 1300               |                          | 980             | ug/Kg | 75  |          | 13  | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 1300               |                          | 1200            | ug/Kg | 92  |          | 16  | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 1300               |                          | 1700            | ug/Kg | 131 |          | 11  | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 1300               |                          | 1000            | ug/Kg | 77  |          | 10  | *                | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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 | 1300  |               | 1100   | ug/Kg | 85  | 8        | *   | *        | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 1300  |               | 1100   | ug/Kg | 85  | 8        | *   | *        | 0   | 0           | 0   |
| Hexachlorobenzene          | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Atrazine                   | 1300  |               | 940    | ug/Kg | 72  | 7        | *   | *        | 0   | 0           | 0   |
| Pentachlorophenol          | 1300  |               | 1200   | ug/Kg | 92  | 16       |     |          | 17  | 109         | 47  |
| Phenanthrene               | 1300  |               | 1000   | ug/Kg | 77  | 10       | *   | *        | 0   | 0           | 0   |
| Pentachlorobenzene         | 1300  |               | 990    | ug/Kg | 76  | 11       | *   | *        | 0   | 0           | 0   |
| Anthracene                 | 1300  |               | 970    | ug/Kg | 75  | 13       | *   | *        | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 1300  |               | 1100   | ug/Kg | 85  | 8        | *   | *        | 0   | 0           | 0   |
| Carbazole                  | 1300  |               | 1000   | ug/Kg | 77  | 10       | *   | *        | 0   | 0           | 0   |
| Di-n-butylphthalate        | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Fluoranthene               | 1300  |               | 1000   | ug/Kg | 77  | 10       | *   | *        | 0   | 0           | 0   |
| Pyrene                     | 1300  |               | 1000   | ug/Kg | 77  | 10       |     |          | 35  | 142         | 36  |
| Butylbenzylphthalate       | 1300  |               | 1100   | ug/Kg | 85  | 8        | *   | *        | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 1300  |               | 990    | ug/Kg | 76  | 11       | *   | *        | 0   | 0           | 0   |
| Benzo(a)anthracene         | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Chrysene                   | 1300  |               | 1000   | ug/Kg | 77  | 10       | *   | *        | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Di-n-octylphthalate        | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Benzo(a)pyrene             | 1300  |               | 1000   | ug/Kg | 77  | 10       | *   | *        | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 1300  |               | 1000   | ug/Kg | 77  | 18       | *   | *        | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 1300  |               | 1100   | ug/Kg | 85  | 8        | *   | *        | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 1300  |               | 1200   | ug/Kg | 92  | 8        | *   | *        | 0   | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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>P3437-07MS</b> | <b>Client Sample ID:</b> | <b>E05W7MS</b> |       |     |          |     | <b>DataFile:</b> | <b>BG062322.D</b> |             |     |
| 1,4-Dioxane                 | 16                |                          | 3.2            | ug/L  | 20  |          |     |                  | 15                | 120         |     |
| Benzaldehyde                | 40                |                          | 15             | ug/L  | 38  |          |     |                  | 0                 | 0           |     |
| Pyridine                    | 40                |                          | 9.4            | ug/L  | 23  |          |     |                  | 0                 | 0           |     |
| Phenol                      | 40                |                          | 6              | ug/L  | 15  |          |     |                  | 12                | 110         |     |
| Bis(2-chloroethyl)ether     | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2-Chlorophenol              | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 27                | 123         |     |
| 2-Methylphenol              | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2,2-oxybis(1-Chloropropane) | 40                |                          | 12             | ug/L  | 30  |          |     |                  | 0                 | 0           |     |
| Acetophenone                | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 4-Methylphenol              | 40                |                          | 12             | ug/L  | 30  |          |     |                  | 0                 | 0           |     |
| N-Nitroso-di-n-propylamine  | 40                |                          | 13             | ug/L  | 33  | *        |     |                  | 41                | 116         |     |
| Hexachloroethane            | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| Nitrobenzene                | 40                |                          | 15             | ug/L  | 38  |          |     |                  | 0                 | 0           |     |
| Isophorone                  | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2-Nitrophenol               | 40                |                          | 17             | ug/L  | 43  |          |     |                  | 0                 | 0           |     |
| 2,4-Dimethylphenol          | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 0                 | 0           |     |
| Bis(2-chloroethoxy)methane  | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2,4-Dichlorophenol          | 40                |                          | 15             | ug/L  | 38  |          |     |                  | 0                 | 0           |     |
| Naphthalene                 | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 4-Chloroaniline             | 40                |                          | 20             | ug/L  | 50  |          |     |                  | 0                 | 0           |     |
| Hexachlorobutadiene         | 40                |                          | 12             | ug/L  | 30  |          |     |                  | 0                 | 0           |     |
| Caprolactam                 | 40                |                          | 4.5            | ug/L  | 11  |          |     |                  | 0                 | 0           |     |
| 4-Chloro-3-methylphenol     | 40                |                          | 17             | ug/L  | 43  |          |     |                  | 23                | 97          |     |
| 1-Methylnaphthalene         | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2-Methylnaphthalene         | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 0                 | 0           |     |
| Hexachlorocyclopentadiene   | 40                |                          | 11             | ug/L  | 28  |          |     |                  | 0                 | 0           |     |
| 2,4,6-Trichlorophenol       | 40                |                          | 15             | ug/L  | 38  |          |     |                  | 0                 | 0           |     |
| 2,4,5-Trichlorophenol       | 40                |                          | 16             | ug/L  | 40  |          |     |                  | 0                 | 0           |     |
| 1,1'-Biphenyl               | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2-Chloronaphthalene         | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2-Nitroaniline              | 40                |                          | 19             | ug/L  | 48  |          |     |                  | 0                 | 0           |     |
| Dimethylphthalate           | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 0                 | 0           |     |
| 2,6-Dinitrotoluene          | 40                |                          | 18             | ug/L  | 45  |          |     |                  | 0                 | 0           |     |
| Acenaphthylene              | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 3-Nitroaniline              | 40                |                          | 24             | ug/L  | 60  |          |     |                  | 0                 | 0           |     |
| Acenaphthene                | 40                |                          | 13             | ug/L  | 33  | *        |     |                  | 46                | 118         |     |
| 2,4-Dinitrophenol           | 40                |                          | 19             | ug/L  | 48  |          |     |                  | 0                 | 0           |     |
| 4-Nitrophenol               | 40                |                          | 7.5            | ug/L  | 19  |          |     |                  | 10                | 80          |     |
| Dibenzofuran                | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 2,4-Dinitrotoluene          | 40                |                          | 19             | ug/L  | 48  |          |     |                  | 24                | 96          |     |
| Diethylphthalate            | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| Fluorene                    | 40                |                          | 13             | ug/L  | 33  |          |     |                  | 0                 | 0           |     |
| 4-Chlorophenyl-phenylether  | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 0                 | 0           |     |
| 4-Nitroaniline              | 40                |                          | 22             | ug/L  | 55  |          |     |                  | 0                 | 0           |     |
| 4,6-Dinitro-2-methylphenol  | 40                |                          | 21             | ug/L  | 52  |          |     |                  | 0                 | 0           |     |
| N-Nitrosodiphenylamine      | 40                |                          | 14             | ug/L  | 35  |          |     |                  | 0                 | 0           |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

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

**Analytical Method:** SFAM\_SVOC

| Parameter                  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| 1,2,4,5-Tetrachlorobenzene | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| 4-Bromophenyl-phenylether  | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Hexachlorobenzene          | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Atrazine                   | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Pentachlorophenol          | 40    |                  | 16     | ug/L  | 40  |             |     |             | 9   | 103            |     |
| Phenanthrene               | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Pentachlorobenzene         | 40    |                  | 13     | ug/L  | 33  |             |     |             | 0   | 0              |     |
| Anthracene                 | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| 1,2,3,4-Tetrachlorobenzene | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Carbazole                  | 40    |                  | 15     | ug/L  | 38  |             |     |             | 0   | 0              |     |
| Di-n-butylphthalate        | 40    |                  | 15     | ug/L  | 38  |             |     |             | 0   | 0              |     |
| Fluoranthene               | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Pyrene                     | 40    |                  | 14     | ug/L  | 35  |             |     |             | 26  | 127            |     |
| Butylbenzylphthalate       | 40    |                  | 15     | ug/L  | 38  |             |     |             | 0   | 0              |     |
| 3,3'-Dichlorobenzidine     | 40    |                  | 11     | ug/L  | 28  |             |     |             | 0   | 0              |     |
| Benzo(a)anthracene         | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Chrysene                   | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Bis(2-ethylhexyl)phthalate | 40    |                  | 15     | ug/L  | 38  |             |     |             | 0   | 0              |     |
| Di-n-octylphthalate        | 40    |                  | 15     | ug/L  | 38  |             |     |             | 0   | 0              |     |
| Benzo(b)fluoranthene       | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Benzo(k)fluoranthene       | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Benzo(a)pyrene             | 40    |                  | 13     | ug/L  | 33  |             |     |             | 0   | 0              |     |
| Indeno(1,2,3-cd)pyrene     | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Dibenzo(a,h)anthracene     | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| Benzo(g,h,i)perylene       | 40    |                  | 14     | ug/L  | 35  |             |     |             | 0   | 0              |     |
| 2,3,4,6-Tetrachlorophenol  | 40    |                  | 16     | ug/L  | 40  |             |     |             | 0   | 0              |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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>P3437-08MSD</b> | <b>Client Sample ID:</b> | <b>E05W7MSD</b> |       |     |          |     | <b>DataFile:</b> | <b>BG062323.D</b> |             |     |
| 1,4-Dioxane                 | 16                 |                          | 4.1             | ug/L  | 26  |          | 26  |                  | 15                | 120         | 50  |
| Benzaldehyde                | 40                 |                          | 17              | ug/L  | 43  |          | 12  | *                | 0                 | 0           | 0   |
| Pyridine                    | 40                 |                          | 11              | ug/L  | 28  |          | 20  | *                | 0                 | 0           | 0   |
| Phenol                      | 40                 |                          | 6.9             | ug/L  | 17  |          | 13  |                  | 12                | 110         | 42  |
| Bis(2-chloroethyl)ether     | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2-Chlorophenol              | 40                 |                          | 16              | ug/L  | 40  |          | 13  |                  | 27                | 123         | 40  |
| 2-Methylphenol              | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2,2-oxybis(1-Chloropropane) | 40                 |                          | 14              | ug/L  | 35  |          | 15  | *                | 0                 | 0           | 0   |
| Acetophenone                | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 4-Methylphenol              | 40                 |                          | 14              | ug/L  | 35  |          | 15  | *                | 0                 | 0           | 0   |
| N-Nitroso-di-n-propylamine  | 40                 |                          | 15              | ug/L  | 38  | *        | 14  |                  | 41                | 116         | 38  |
| Hexachloroethane            | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| Nitrobenzene                | 40                 |                          | 17              | ug/L  | 43  |          | 12  | *                | 0                 | 0           | 0   |
| Isophorone                  | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2-Nitrophenol               | 40                 |                          | 19              | ug/L  | 48  |          | 11  | *                | 0                 | 0           | 0   |
| 2,4-Dimethylphenol          | 40                 |                          | 16              | ug/L  | 40  |          | 13  | *                | 0                 | 0           | 0   |
| Bis(2-chloroethoxy)methane  | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2,4-Dichlorophenol          | 40                 |                          | 17              | ug/L  | 43  |          | 12  | *                | 0                 | 0           | 0   |
| Naphthalene                 | 40                 |                          | 14              | ug/L  | 35  |          | 6   | *                | 0                 | 0           | 0   |
| 4-Chloroaniline             | 40                 |                          | 22              | ug/L  | 55  |          | 10  | *                | 0                 | 0           | 0   |
| Hexachlorobutadiene         | 40                 |                          | 13              | ug/L  | 33  |          | 10  | *                | 0                 | 0           | 0   |
| Caprolactam                 | 40                 |                          | 4.8             | ug/L  | 12  |          | 9   | *                | 0                 | 0           | 0   |
| 4-Chloro-3-methylphenol     | 40                 |                          | 19              | ug/L  | 48  |          | 11  |                  | 23                | 97          | 42  |
| 1-Methylnaphthalene         | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2-Methylnaphthalene         | 40                 |                          | 15              | ug/L  | 38  |          | 8   | *                | 0                 | 0           | 0   |
| Hexachlorocyclopentadiene   | 40                 |                          | 13              | ug/L  | 33  |          | 16  | *                | 0                 | 0           | 0   |
| 2,4,6-Trichlorophenol       | 40                 |                          | 17              | ug/L  | 43  |          | 12  | *                | 0                 | 0           | 0   |
| 2,4,5-Trichlorophenol       | 40                 |                          | 18              | ug/L  | 45  |          | 12  | *                | 0                 | 0           | 0   |
| 1,1'-Biphenyl               | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2-Chloronaphthalene         | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2-Nitroaniline              | 40                 |                          | 21              | ug/L  | 52  |          | 8   | *                | 0                 | 0           | 0   |
| Dimethylphthalate           | 40                 |                          | 15              | ug/L  | 38  |          | 8   | *                | 0                 | 0           | 0   |
| 2,6-Dinitrotoluene          | 40                 |                          | 20              | ug/L  | 50  |          | 11  | *                | 0                 | 0           | 0   |
| Acenaphthylene              | 40                 |                          | 14              | ug/L  | 35  |          | 6   | *                | 0                 | 0           | 0   |
| 3-Nitroaniline              | 40                 |                          | 27              | ug/L  | 68  |          | 13  | *                | 0                 | 0           | 0   |
| Acenaphthene                | 40                 |                          | 14              | ug/L  | 35  | *        | 6   |                  | 46                | 118         | 31  |
| 2,4-Dinitrophenol           | 40                 |                          | 22              | ug/L  | 55  |          | 14  | *                | 0                 | 0           | 0   |
| 4-Nitrophenol               | 40                 |                          | 8.4             | ug/L  | 21  |          | 10  |                  | 10                | 80          | 50  |
| Dibenzofuran                | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 2,4-Dinitrotoluene          | 40                 |                          | 22              | ug/L  | 55  |          | 14  |                  | 24                | 96          | 38  |
| Diethylphthalate            | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| Fluorene                    | 40                 |                          | 15              | ug/L  | 38  |          | 14  | *                | 0                 | 0           | 0   |
| 4-Chlorophenyl-phenylether  | 40                 |                          | 15              | ug/L  | 38  |          | 8   | *                | 0                 | 0           | 0   |
| 4-Nitroaniline              | 40                 |                          | 25              | ug/L  | 63  |          | 14  | *                | 0                 | 0           | 0   |
| 4,6-Dinitro-2-methylphenol  | 40                 |                          | 24              | ug/L  | 60  |          | 14  | *                | 0                 | 0           | 0   |
| N-Nitrosodiphenylamine      | 40                 |                          | 16              | ug/L  | 40  |          | 13  | *                | 0                 | 0           | 0   |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** BG080824

**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    |               | 15     | ug/L  | 38  |          | 8   | *        | 0   | 0           | 0   |
| 4-Bromophenyl-phenylether  | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Hexachlorobenzene          | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Atrazine                   | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Pentachlorophenol          | 40    |               | 18     | ug/L  | 45  |          | 12  |          | 9   | 103         | 50  |
| Phenanthrene               | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Pentachlorobenzene         | 40    |               | 15     | ug/L  | 38  |          | 14  | *        | 0   | 0           | 0   |
| Anthracene                 | 40    |               | 15     | ug/L  | 38  |          | 8   | *        | 0   | 0           | 0   |
| 1,2,3,4-Tetrachlorobenzene | 40    |               | 15     | ug/L  | 38  |          | 8   | *        | 0   | 0           | 0   |
| Carbazole                  | 40    |               | 16     | ug/L  | 40  |          | 5   | *        | 0   | 0           | 0   |
| Di-n-butylphthalate        | 40    |               | 17     | ug/L  | 43  |          | 12  | *        | 0   | 0           | 0   |
| Fluoranthene               | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Pyrene                     | 40    |               | 16     | ug/L  | 40  |          | 13  |          | 26  | 127         | 31  |
| Butylbenzylphthalate       | 40    |               | 17     | ug/L  | 43  |          | 12  | *        | 0   | 0           | 0   |
| 3,3'-Dichlorobenzidine     | 40    |               | 12     | ug/L  | 30  |          | 7   | *        | 0   | 0           | 0   |
| Benzo(a)anthracene         | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Chrysene                   | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Bis(2-ethylhexyl)phthalate | 40    |               | 17     | ug/L  | 43  |          | 12  | *        | 0   | 0           | 0   |
| Di-n-octylphthalate        | 40    |               | 16     | ug/L  | 40  |          | 5   | *        | 0   | 0           | 0   |
| Benzo(b)fluoranthene       | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Benzo(k)fluoranthene       | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| Benzo(a)pyrene             | 40    |               | 15     | ug/L  | 38  |          | 14  | *        | 0   | 0           | 0   |
| Indeno(1,2,3-cd)pyrene     | 40    |               | 15     | ug/L  | 38  |          | 8   | *        | 0   | 0           | 0   |
| Dibenzo(a,h)anthracene     | 40    |               | 15     | ug/L  | 38  |          | 8   | *        | 0   | 0           | 0   |
| Benzo(g,h,i)perylene       | 40    |               | 16     | ug/L  | 40  |          | 13  | *        | 0   | 0           | 0   |
| 2,3,4,6-Tetrachlorophenol  | 40    |               | 17     | ug/L  | 43  |          | 7   | *        | 0   | 0           | 0   |

## Surrogate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB162305BS    | PB162305BS | BG062325.D | 1,4-Dioxane-d8                | 8              | 5.46            | 68           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.06           | 58           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.45           | 71           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.51           | 69           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.74           | 69           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.38           | 68           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.42           | 86           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 41.25           | 103          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.82           | 72           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.18           | 60           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.98           | 65           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.36           | 66           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 30.65           | 77           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.66           | 67           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 48.21           | 121          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.59           | 66           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 27.68           | 69           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.35           | 68           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3437-01      | E05T8     | BG062315.D | 1,4-Dioxane-d8                | 8              | 5.65            | 71           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.22           | 38           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 15.31           | 38           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 20.71           | 52           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 20.34           | 51           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.53           | 46           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 25.63           | 64           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 28.29           | 71           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 21.87           | 55           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 20.51           | 51           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.15           | 53           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 21.20           | 53           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 11.41           | 29           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 21.55           | 54           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 14.20           | 36           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.71           | 57           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 22.90           | 57           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 23.37           | 58           |      | 20         | 130  |
| P3437-02      | E05T9     | BG062316.D | 1,4-Dioxane-d8                | 8              | 4.05            | 51           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 11.09           | 28           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 12.27           | 31           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.93           | 32           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.19           | 33           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.45           | 31           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.70           | 39           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.70           | 44           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 13.66           | 34           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 12.95           | 32           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.57           | 31           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 12.69           | 32           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.16            | 23           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 12.82           | 32           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 10.70           | 27           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.33           | 33           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 13.32           | 33           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 13.13           | 33           |      | 20         | 130  |
| P3437-03      | E05W2     | BG062317.D | 1,4-Dioxane-d8                | 8              | 4.36            | 55           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.94            | 22           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.17            | 20           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.87           | 57           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.12           | 58           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.79           | 44           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.63           | 69           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 31.65           | 79           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.38           | 66           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.30           | 58           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 23.66           | 59           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 22.91           | 57           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.35            | 18           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3437-03      | E05W2     | BG062317.D | Fluorene-d10                  | 40             | 23.59           | 59           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.02           | 70           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 24.59           | 61           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 25.35           | 63           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 24.92           | 62           |      | 20         | 130  |
| P3437-04      | E05W4     | BG062318.D | 1,4-Dioxane-d8                | 8              | 3.80            | 48           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 8.51            | 21           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.87            | 17           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.29           | 48           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.38           | 48           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 15.24           | 38           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 23.37           | 58           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.52           | 69           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 22.79           | 57           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.44           | 49           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 21.03           | 53           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.68           | 49           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.24            | 18           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 21.11           | 53           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 25.84           | 65           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 22.77           | 57           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 23.51           | 59           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 23.88           | 60           |      | 20         | 130  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 3.76            | 47           | *    | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.36            | 13           |      | 20         | 120  |
| P3437-05      | E05W5     | BG062319.D | Phenol-d5                     | 40             | 8.31            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.73           | 62           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.62           | 59           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.04           | 43           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.95           | 77           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 36.70           | 92           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 27.96           | 70           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.57           | 34           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.67           | 64           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 24.20           | 60           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 8.22            | 21           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 25.44           | 64           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.33           | 93           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.71           | 69           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 29.27           | 73           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 29.33           | 73           |      | 20         | 130  |
|               |           |            | 1,4-Dioxane-d8                | 8              | 4.45            | 56           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.33            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 8.33            | 21           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.28           | 58           |      | 25         | 120  |
| P3437-12      | E05X9     | BG062320.D | 2-Chlorophenol-d4             | 40             | 22.55           | 56           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 16.47           | 41           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.51           | 69           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.11           | 80           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3437-12      | E05X9      | BG062320.D | 2,4-Dichlorophenol-d3         | 40             | 25.68           | 64           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 19.59           | 49           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.45           | 61           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 22.89           | 57           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.95            | 20           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 24.96           | 62           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.55           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.60           | 64           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.98           | 67           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.25           | 68           |      | 20         | 130  |
| PB162446BL    | PB162446BL | BG062313.D | 1,4-Dioxane-d8                | 8              | 5.40            | 67           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 24.37           | 61           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.60           | 66           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.56           | 66           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.93           | 65           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.58           | 64           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.80           | 82           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 37.99           | 95           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.44           | 69           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 25.79           | 64           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.07           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.32           | 63           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 24.04           | 60           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.62           | 64           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 30.58           | 76           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.73           | 67           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.77           | 67           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.21           | 66           |      | 20         | 130  |
| PB162446BS    | PB162446BS | BG062324.D | 1,4-Dioxane-d8                | 8              | 5.50            | 69           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 24.32           | 61           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 28.40           | 71           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 27.62           | 69           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 28.04           | 70           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 27.80           | 69           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.79           | 87           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 41.46           | 104          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.90           | 72           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.44           | 61           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.74           | 64           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 26.11           | 65           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 30.79           | 77           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.40           | 66           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 46.83           | 117          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.97           | 67           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 27.07           | 68           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.03           | 68           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3437-06      | E05W7     | BG062321.D | 1,4-Dioxane-d8                | 8              | 3.18            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 7.54            | 19           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.22            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 12.82           | 32           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 14.00           | 35           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.66           | 29           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 15.00           | 38           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 17.48           | 44           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.24           | 36           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 18.22           | 46           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 12.77           | 32           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 11.90           | 30           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 5.92            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 12.50           | 31           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 15.48           | 39           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 13.97           | 35           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 14.48           | 36           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 14.52           | 36           |      | 20         | 130  |
| P3437-07MS    | E05W7MS   | BG062322.D | 1,4-Dioxane-d8                | 8              | 3.75            | 47           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.72            | 24           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 5.89            | 15           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.33           | 36           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.05           | 38           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.59           | 29           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.15           | 43           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.86           | 50           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 16.29           | 41           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 22.65           | 57           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 14.30           | 36           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.41           | 34           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.86            | 17           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 13.88           | 35           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 22.36           | 56           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.54           | 36           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 14.86           | 37           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 14.65           | 37           |      | 20         | 130  |
| P3437-08MSD   | E05W7MSD  | BG062323.D | 1,4-Dioxane-d8                | 8              | 4.01            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 10.50           | 26           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.53            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 16.28           | 41           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 17.42           | 44           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.67           | 34           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 19.58           | 49           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 22.24           | 56           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 18.19           | 45           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 25.89           | 65           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.80           | 39           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 14.95           | 37           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 7.64            | 19           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3437-08MSD   | E05W7MSD  | BG062323.D | Fluorene-d10                  | 40             | 15.36           | 38           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 24.39           | 61           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 16.19           | 40           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 16.57           | 41           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.60           | 42           |      | 20         | 130  |
| P3437-09      | E05X2     | BG062331.D | 1,4-Dioxane-d8                | 8              | 3.50            | 44           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 5.92            | 15           | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 6.35            | 16           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.24           | 48           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 18.66           | 47           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 12.99           | 32           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.84           | 57           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 26.44           | 66           |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 20.65           | 52           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 15.58           | 39           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.56           | 49           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 18.41           | 46           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 6.16            | 15           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 19.45           | 49           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 27.72           | 69           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 21.12           | 53           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 22.76           | 57           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 22.94           | 57           |      | 20         | 130  |
| P3437-10      | E05X4     | BG062332.D | 1,4-Dioxane-d8                | 8              | 4.34            | 54           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.13            | 23           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 9.31            | 23           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 31.95           | 80           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 30.39           | 76           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 21.48           | 54           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 38.98           | 97           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 44.97           | 112          |      | 20         | 130  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 33.80           | 85           |      | 20         | 120  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 18.66           | 47           |      | 1          | 146  |
|               |           |            | Dimethylphthalate-d6          | 40             | 32.25           | 81           |      | 25         | 130  |
|               |           |            | Acenaphthylene-d8             | 40             | 31.44           | 79           |      | 10         | 130  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 9.51            | 24           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 32.12           | 80           |      | 25         | 125  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 49.14           | 123          |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 32.22           | 81           |      | 25         | 130  |
|               |           |            | Pyrene-d10                    | 40             | 34.06           | 85           |      | 15         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 34.77           | 87           |      | 20         | 130  |
| P3437-11      | E05X6     | BG062333.D | 1,4-Dioxane-d8                | 8              | 3.38            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 3.69            | 9            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 7.85            | 20           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 22.18           | 55           |      | 25         | 120  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 22.52           | 56           |      | 20         | 130  |
|               |           |            | 4-Methylphenol-d8             | 40             | 17.02           | 43           |      | 25         | 125  |
|               |           |            | Nitrobenzene-d5               | 40             | 27.69           | 69           |      | 20         | 125  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 32.46           | 81           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3437-11      | E05X6      | BG062333.D | 2,4-Dichlorophenol-d3         | 40             | 24.65           | 62           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 1.47            | 4            |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 22.93           | 57           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 22.12           | 55           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.51            | 19           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 23.00           | 57           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 34.59           | 86           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 23.43           | 59           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 24.31           | 61           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 23.98           | 60           |      | 20         | 130  |
| PB162447BL    | PB162447BL | BG062330.D | 1,4-Dioxane-d8                | 8              | 5.09            | 64           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 25.65           | 64           |      | 20         | 120  |
|               |            | BG062343.D | 1,4-Dioxane-d8                | 8              | 4.75            | 59           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 25.04           | 63           |      | 20         | 120  |
|               |            | BG062314.D | 1,4-Dioxane-d8                | 8              | 4.29            | 54           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.59           | 56           |      | 20         | 120  |
|               |            | BG062343.D | Phenol-d5                     | 40             | 22.68           | 57           |      | 10         | 130  |
|               |            |            | Phenol-d5                     | 40             | 27.11           | 68           |      | 10         | 130  |
|               |            | BG062330.D | Phenol-d5                     | 40             | 26.96           | 67           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.76           | 64           |      | 25         | 120  |
|               |            | BG062343.D | Bis(2-Chloroethyl)ether-d8    | 40             | 26.11           | 65           |      | 25         | 120  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.88           | 60           |      | 25         | 120  |
|               |            | BG062343.D | 2-Chlorophenol-d4             | 40             | 23.68           | 59           |      | 20         | 130  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.45           | 69           |      | 20         | 130  |
|               |            | BG062330.D | 2-Chlorophenol-d4             | 40             | 25.72           | 64           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 26.81           | 67           |      | 25         | 125  |
|               |            | BG062343.D | 4-Methylphenol-d8             | 40             | 26.83           | 67           |      | 25         | 125  |
|               |            |            | 4-Methylphenol-d8             | 40             | 20.31           | 51           |      | 25         | 125  |
|               |            | BG062314.D | Nitrobenzene-d5               | 40             | 29.75           | 74           |      | 20         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 32.34           | 81           |      | 20         | 125  |
|               |            | BG062330.D | Nitrobenzene-d5               | 40             | 32.67           | 82           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 37.34           | 93           |      | 20         | 130  |
|               |            | BG062330.D | 2-Nitrophenol-d4              | 40             | 38.25           | 96           |      | 20         | 130  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 30.63           | 77           |      | 20         | 130  |
|               |            | BG062314.D | 2,4-Dichlorophenol-d3         | 40             | 23.72           | 59           |      | 20         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.70           | 72           |      | 20         | 120  |
|               |            | BG062343.D | 2,4-Dichlorophenol-d3         | 40             | 26.75           | 67           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.34           | 66           |      | 1          | 146  |
|               |            | BG062330.D | 4-Chloroaniline-d4            | 40             | 26.68           | 67           |      | 1          | 146  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 22.31           | 56           |      | 1          | 146  |
|               |            | BG062314.D | Dimethylphthalate-d6          | 40             | 25.23           | 63           |      | 25         | 130  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.35           | 63           |      | 25         | 130  |
|               |            | BG062343.D | Dimethylphthalate-d6          | 40             | 25.02           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.10           | 63           |      | 10         | 130  |
|               |            | BG062330.D | Acenaphthylene-d8             | 40             | 25.49           | 64           |      | 10         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 24.97           | 62           |      | 10         | 130  |
|               |            | BG062314.D | 4-Nitrophenol-d4              | 40             | 13.64           | 34           |      | 10         | 150  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 25.47           | 64           |      | 10         | 150  |
|               |            | BG062330.D | 4-Nitrophenol-d4              | 40             | 25.47           | 64           |      | 10         | 150  |
|               |            | BG062343.D | 4-Nitrophenol-d4              | 40             | 26.04           | 65           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB162447BL    | PB162447BL | BG062343.D | Fluorene-d10                  | 40             | 25.74           | 64           |      | 25         | 125  |
|               |            | BG062330.D | Fluorene-d10                  | 40             | 26.10           | 65           |      | 25         | 125  |
|               |            | BG062314.D | Fluorene-d10                  | 40             | 25.24           | 63           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 16.18           | 40           |      | 10         | 130  |
|               |            | BG062343.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.66           | 84           |      | 10         | 130  |
|               |            | BG062330.D | 4,6-Dinitro-2-methylphenol-d2 | 40             | 29.66           | 74           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.99           | 67           |      | 25         | 130  |
|               |            | BG062343.D | Anthracene-d10                | 40             | 26.87           | 67           |      | 25         | 130  |
|               |            | BG062314.D | Anthracene-d10                | 40             | 26.71           | 67           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 27.81           | 70           |      | 15         | 130  |
|               |            | BG062343.D | Pyrene-d10                    | 40             | 26.74           | 67           |      | 15         | 130  |
|               |            | BG062330.D | Pyrene-d10                    | 40             | 26.84           | 67           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.46           | 66           |      | 20         | 130  |
|               |            | BG062343.D | Benzo(a)pyrene-d12            | 40             | 26.68           | 67           |      | 20         | 130  |
|               |            | BG062314.D | Benzo(a)pyrene-d12            | 40             | 27.02           | 68           |      | 20         | 130  |
| PB162447BS    | PB162447BS | BG062350.D | 1,4-Dioxane-d8                | 8              | 5.00            | 62           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.16           | 58           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 27.15           | 68           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 26.05           | 65           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.87           | 67           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.83           | 65           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 34.18           | 85           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 40.57           | 101          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 28.81           | 72           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.78           | 59           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.37           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.79           | 64           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 31.23           | 78           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.55           | 66           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 49.93           | 125          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 26.19           | 65           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.43           | 66           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.01           | 68           |      | 20         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3434-01      | E05T4     | BG062338.D | 1,4-Dioxane-d8                | 8              | 3.19            | 40           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.20           | 48           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 23.73           | 59           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 23.19           | 58           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 23.59           | 59           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.42           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.37           | 76           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 35.10           | 88           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.06           | 65           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 24.32           | 61           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.19           | 65           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.33           | 66           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 23.47           | 59           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 27.42           | 69           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 31.44           | 79           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 26.92           | 67           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.62           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.67           | 72           |      | 10         | 140  |
| P3434-02MS    | E05T4MS   | BG062339.D | 1,4-Dioxane-d8                | 8              | 3.99            | 50           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 22.83           | 57           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 28.80           | 72           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.40           | 71           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 29.45           | 74           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 27.32           | 68           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 36.68           | 92           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 43.91           | 110          |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 31.95           | 80           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 27.24           | 68           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 29.85           | 75           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 30.20           | 76           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 29.79           | 74           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 30.69           | 77           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 48.49           | 121          |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 30.42           | 76           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 31.17           | 78           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 32.86           | 82           |      | 10         | 140  |
| P3434-03MSD   | E05T4MSD  | BG062340.D | 1,4-Dioxane-d8                | 8              | 3.38            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 19.01           | 48           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.11           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.60           | 62           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.60           | 64           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 23.59           | 59           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 32.96           | 82           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 39.07           | 98           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 28.41           | 71           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.80           | 60           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 26.47           | 66           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 26.71           | 67           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 26.54           | 66           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3434-03MSD   | E05T4MSD  | BG062340.D | Fluorene-d10                  | 40             | 27.09           | 68           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 42.69           | 107          |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 27.33           | 68           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 27.61           | 69           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 28.84           | 72           |      | 10         | 140  |
| P3434-04      | E05T5     | BG062346.D | 1,4-Dioxane-d8                | 8              | 3.89            | 49           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 14.78           | 37           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 25.10           | 63           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.17           | 60           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 25.23           | 63           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 25.26           | 63           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 30.54           | 76           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 36.61           | 92           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 26.83           | 67           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 23.96           | 60           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 25.88           | 65           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 25.97           | 65           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 20.72           | 52           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 26.37           | 66           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 28.66           | 72           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 25.95           | 65           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 26.99           | 67           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 27.55           | 69           |      | 10         | 140  |
| P3434-05      | E05T6     | BG062347.D | 1,4-Dioxane-d8                | 8              | 1.84            | 23           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 9.60            | 24           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 13.92           | 35           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 13.23           | 33           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 13.86           | 35           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 13.90           | 35           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 16.50           | 41           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 19.50           | 49           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.99           | 37           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 13.09           | 33           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 15.12           | 38           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 15.16           | 38           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 14.35           | 36           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 15.60           | 39           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 17.61           | 44           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 15.44           | 39           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 16.46           | 41           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 16.43           | 41           |      | 10         | 140  |
| P3434-06      | E05T7     | BG062348.D | 1,4-Dioxane-d8                | 8              | 2.74            | 34           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 15.49           | 39           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 18.63           | 47           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 18.21           | 46           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.10           | 48           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 18.21           | 46           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 22.75           | 57           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.18           | 68           |      | 10         | 120  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-----------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |           |            |                               |                |                 |              |      | Low        | High |
| P3434-06      | E05T7     | BG062348.D | 2,4-Dichlorophenol-d3         | 40             | 19.84           | 50           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 17.64           | 44           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 19.69           | 49           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 19.64           | 49           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 18.51           | 46           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.40           | 51           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 23.25           | 58           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 19.84           | 50           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.08           | 53           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.22           | 53           |      | 10         | 140  |
| P3434-09      | E05Z0     | BG062344.D | 1,4-Dioxane-d8                | 8              | 2.34            | 29           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 0.00            | 0            | *    | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 14.29           | 36           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 14.59           | 36           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 15.24           | 38           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 11.62           | 29           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 17.60           | 44           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 20.71           | 52           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 14.83           | 37           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 11.00           | 27           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 13.88           | 35           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 13.82           | 35           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 10.57           | 26           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 14.22           | 36           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 13.69           | 34           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 14.14           | 35           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 12.72           | 32           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 9.70            | 24           |      | 10         | 140  |
| P3434-10      | E05Z1     | BG062345.D | 1,4-Dioxane-d8                | 8              | 3.33            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.39           | 43           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.83           | 50           |      | 10         | 130  |
|               |           |            | Bis(2-Chloroethyl)ether-d8    | 40             | 19.11           | 48           |      | 10         | 150  |
|               |           |            | 2-Chlorophenol-d4             | 40             | 19.98           | 50           |      | 15         | 120  |
|               |           |            | 4-Methylphenol-d8             | 40             | 20.29           | 51           |      | 10         | 140  |
|               |           |            | Nitrobenzene-d5               | 40             | 24.01           | 60           |      | 10         | 135  |
|               |           |            | 2-Nitrophenol-d4              | 40             | 27.06           | 68           |      | 10         | 120  |
|               |           |            | 2,4-Dichlorophenol-d3         | 40             | 20.57           | 51           |      | 10         | 140  |
|               |           |            | 4-Chloroaniline-d4            | 40             | 19.34           | 48           |      | 1          | 145  |
|               |           |            | Dimethylphthalate-d6          | 40             | 20.36           | 51           |      | 10         | 145  |
|               |           |            | Acenaphthylene-d8             | 40             | 20.23           | 51           |      | 15         | 120  |
|               |           |            | 4-Nitrophenol-d4              | 40             | 15.06           | 38           |      | 10         | 150  |
|               |           |            | Fluorene-d10                  | 40             | 20.82           | 52           |      | 20         | 140  |
|               |           |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 18.52           | 46           |      | 10         | 130  |
|               |           |            | Anthracene-d10                | 40             | 20.74           | 52           |      | 10         | 150  |
|               |           |            | Pyrene-d10                    | 40             | 21.57           | 54           |      | 10         | 130  |
|               |           |            | Benzo(a)pyrene-d12            | 40             | 21.61           | 54           |      | 10         | 140  |
| P3434-14      | E05Z8     | BG062337.D | 1,4-Dioxane-d8                | 8              | 3.37            | 42           |      | 15         | 120  |
|               |           |            | Pyridine-d5                   | 40             | 17.44           | 44           |      | 20         | 120  |
|               |           |            | Phenol-d5                     | 40             | 19.39           | 48           |      | 10         | 130  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3434-14      | E05Z8      | BG062337.D | Bis(2-Chloroethyl)ether-d8    | 40             | 19.51           | 49           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 19.96           | 50           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 19.99           | 50           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 23.54           | 59           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 27.74           | 69           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 20.75           | 52           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 20.03           | 50           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 20.68           | 52           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 20.52           | 51           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 16.52           | 41           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 20.93           | 52           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 21.34           | 53           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 20.79           | 52           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 21.21           | 53           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 21.52           | 54           |      | 10         | 140  |
| PB162448BL    | PB162448BL | BG062342.D | 1,4-Dioxane-d8                | 8              | 4.75            | 59           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 23.51           | 59           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 25.21           | 63           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.30           | 61           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 25.00           | 62           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.25           | 63           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 29.96           | 75           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 35.72           | 89           |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 25.23           | 63           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 24.16           | 60           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 23.54           | 59           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 23.59           | 59           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 25.36           | 63           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 24.10           | 60           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.85           | 85           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 24.58           | 61           |      | 10         | 150  |
|               |            |            | Pyrene-d10                    | 40             | 24.59           | 61           |      | 10         | 130  |
| PB162448BS    | PB162448BS | BG062349.D | Benzo(a)pyrene-d12            | 40             | 24.17           | 60           |      | 10         | 140  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.78            | 72           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 26.78           | 67           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 31.26           | 78           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.64           | 74           |      | 10         | 150  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 30.50           | 76           |      | 15         | 120  |
|               |            |            | 4-Methylphenol-d8             | 40             | 29.69           | 74           |      | 10         | 140  |
|               |            |            | Nitrobenzene-d5               | 40             | 36.40           | 91           |      | 10         | 135  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 44.47           | 111          |      | 10         | 120  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 31.46           | 79           |      | 10         | 140  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 26.18           | 65           |      | 1          | 145  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.94           | 70           |      | 10         | 145  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.02           | 70           |      | 15         | 120  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 33.90           | 85           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 28.53           | 71           |      | 20         | 140  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 52.68           | 132          | *    | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.15           | 70           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: BG080824

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

Analytical Method: SFAM\_SVOC

| Lab Sample ID | Client ID  | Datafile   | Parameter          | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|--------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                    |                |                 |              |      | Low        | High |
| PB162448BS    | PB162448BS | BG062349.D | Pyrene-d10         | 40             | 28.53           | 71           |      | 10         | 130  |
|               |            |            | Benzo(a)pyrene-d12 | 40             | 29.06           | 73           |      | 10         | 140  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| P3401-11      | E1GF7      | BG062335.D | 1,4-Dioxane-d8                | 8              | 4.08            | 51           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 0.70            | 2            | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 7.46            | 19           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 29.46           | 74           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 27.29           | 68           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 17.93           | 45           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 37.48           | 94           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 44.68           | 112          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 31.27           | 78           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 0.17            | 0            | *    | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 28.97           | 72           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.56           | 64           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 7.23            | 18           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 29.26           | 73           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 42.44           | 106          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.14           | 70           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.87           | 72           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 27.92           | 70           |      | 20         | 130  |
| P3401-12      | E1GF8      | BG062336.D | 1,4-Dioxane-d8                | 8              | 3.45            | 43           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 4.58            | 11           | *    | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 6.77            | 17           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 24.76           | 62           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 23.22           | 58           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 15.86           | 40           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 30.96           | 77           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 37.02           | 93           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 26.10           | 65           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 2.06            | 5            |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 24.86           | 62           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 23.17           | 58           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 6.62            | 17           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 25.51           | 64           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 37.28           | 93           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.72           | 64           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.07           | 65           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.94           | 67           |      | 20         | 130  |
| PB162451BL    | PB162451BL | BG062329.D | Pyridine-d5                   | 40             | 28.03           | 70           |      | 20         | 120  |
|               |            |            | 1,4-Dioxane-d8                | 8              | 5.67            | 71           |      | 15         | 120  |
|               |            |            | Phenol-d5                     | 40             | 29.06           | 73           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 28.84           | 72           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 29.12           | 73           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 28.82           | 72           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 36.42           | 91           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 42.38           | 106          |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 30.64           | 77           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 28.36           | 71           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 27.87           | 70           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 28.28           | 71           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 28.99           | 72           |      | 10         | 150  |

## Surrogate Summary

SW-846

SDG No.: **BG080824**

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

Analytical Method: **SFAM\_SVOC**

| Lab Sample ID | Client ID  | Datafile   | Parameter                     | Spike<br>(PPM) | Result<br>(PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|------------|------------|-------------------------------|----------------|-----------------|--------------|------|------------|------|
|               |            |            |                               |                |                 |              |      | Low        | High |
| PB162451BL    | PB162451BL | BG062329.D | Fluorene-d10                  | 40             | 28.71           | 72           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 33.57           | 84           |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 28.77           | 72           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 28.88           | 72           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 28.62           | 72           |      | 20         | 130  |
| PB162451BS    | PB162451BS | BG062334.D | 1,4-Dioxane-d8                | 8              | 4.77            | 60           |      | 15         | 120  |
|               |            |            | Pyridine-d5                   | 40             | 22.17           | 55           |      | 20         | 120  |
|               |            |            | Phenol-d5                     | 40             | 26.28           | 66           |      | 10         | 130  |
|               |            |            | Bis(2-Chloroethyl)ether-d8    | 40             | 25.84           | 65           |      | 25         | 120  |
|               |            |            | 2-Chlorophenol-d4             | 40             | 26.11           | 65           |      | 20         | 130  |
|               |            |            | 4-Methylphenol-d8             | 40             | 25.72           | 64           |      | 25         | 125  |
|               |            |            | Nitrobenzene-d5               | 40             | 33.41           | 84           |      | 20         | 125  |
|               |            |            | 2-Nitrophenol-d4              | 40             | 39.40           | 99           |      | 20         | 130  |
|               |            |            | 2,4-Dichlorophenol-d3         | 40             | 27.94           | 70           |      | 20         | 120  |
|               |            |            | 4-Chloroaniline-d4            | 40             | 23.65           | 59           |      | 1          | 146  |
|               |            |            | Dimethylphthalate-d6          | 40             | 25.15           | 63           |      | 25         | 130  |
|               |            |            | Acenaphthylene-d8             | 40             | 25.27           | 63           |      | 10         | 130  |
|               |            |            | 4-Nitrophenol-d4              | 40             | 29.50           | 74           |      | 10         | 150  |
|               |            |            | Fluorene-d10                  | 40             | 26.02           | 65           |      | 25         | 125  |
|               |            |            | 4,6-Dinitro-2-methylphenol-d2 | 40             | 47.71           | 119          |      | 10         | 130  |
|               |            |            | Anthracene-d10                | 40             | 25.55           | 64           |      | 25         | 130  |
|               |            |            | Pyrene-d10                    | 40             | 26.41           | 66           |      | 15         | 130  |
|               |            |            | Benzo(a)pyrene-d12            | 40             | 26.45           | 66           |      | 20         | 130  |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824

SDG NO.: BG080824

Lab File ID: BG062311.D

DFTPP Injection Date: 08/07/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 23:00

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 38.6                 |
| 68  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 69  | Mass 69 relative abundance         | 29.9                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 37.4                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.5                  |
| 275 | 10.0 - 60.0% of mass 198           | 28.8                 |
| 365 | Greater than 1% of mass 198        | 4.3                  |
| 441 | Present, but less than mass 443    | 12.2                 |
| 442 | Greater than 50% of mass 198       | 74.7                 |
| 443 | 15.0 - 24.0% of mass 442           | 14.8 ( 19.8 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020596        | SSTDCCC020       | BG062312.D     | 08/07/2024       | 23:41            |
| SBLK446           | PB162446BL       | BG062313.D     | 08/08/2024       | 00:22            |
| SBLK447           | PB162447BL       | BG062314.D     | 08/08/2024       | 01:03            |
| E05T8             | P3437-01         | BG062315.D     | 08/08/2024       | 01:45            |
| E05T9             | P3437-02         | BG062316.D     | 08/08/2024       | 02:26            |
| E05W2             | P3437-03         | BG062317.D     | 08/08/2024       | 03:07            |
| E05W4             | P3437-04         | BG062318.D     | 08/08/2024       | 03:49            |
| E05W5             | P3437-05         | BG062319.D     | 08/08/2024       | 04:30            |
| E05X9             | P3437-12         | BG062320.D     | 08/08/2024       | 05:12            |
| E05W7             | P3437-06         | BG062321.D     | 08/08/2024       | 05:53            |
| E05W7MS           | P3437-07MS       | BG062322.D     | 08/08/2024       | 06:35            |
| E05W7MSD          | P3437-08MSD      | BG062323.D     | 08/08/2024       | 07:16            |
| SLCS446           | PB162446BS       | BG062324.D     | 08/08/2024       | 07:57            |
| SLCS305           | PB162305BS       | BG062325.D     | 08/08/2024       | 08:39            |
| SSTD020597        | SSTDCCC020EC     | BG062326.D     | 08/08/2024       | 09:20            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062327.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 13:22

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 40.1                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 31.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 37.9                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 27.9                 |
| 365 | Greater than 1% of mass 198        | 4.3                  |
| 441 | Present, but less than mass 443    | 11.6                 |
| 442 | Greater than 50% of mass 198       | 71                   |
| 443 | 15.0 - 24.0% of mass 442           | 13.3 ( 18.7 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTD020598        | SSTDCCC020       | BG062328.D     | 08/08/2024       | 14:04            |
| SBLK451           | PB162451BL       | BG062329.D     | 08/08/2024       | 14:45            |
| SBLK447           | PB162447BL       | BG062330.D     | 08/08/2024       | 15:25            |
| E05X2             | P3437-09         | BG062331.D     | 08/08/2024       | 16:07            |
| E05X4             | P3437-10         | BG062332.D     | 08/08/2024       | 16:48            |
| E05X6             | P3437-11         | BG062333.D     | 08/08/2024       | 17:30            |
| SLCS451           | PB162451BS       | BG062334.D     | 08/08/2024       | 18:11            |
| E1GF7             | P3401-11         | BG062335.D     | 08/08/2024       | 18:52            |
| E1GF8             | P3401-12         | BG062336.D     | 08/08/2024       | 19:34            |
| E05Z8             | P3434-14         | BG062337.D     | 08/08/2024       | 20:15            |
| E05T4             | P3434-01         | BG062338.D     | 08/08/2024       | 20:56            |
| E05T4MS           | P3434-02MS       | BG062339.D     | 08/08/2024       | 21:38            |
| E05T4MSD          | P3434-03MSD      | BG062340.D     | 08/08/2024       | 22:19            |
| SSTD020599        | SSTDCCC020       | BG062341.D     | 08/09/2024       | 00:24            |
| SBLK448           | PB162448BL       | BG062342.D     | 08/09/2024       | 01:05            |
| SBLK447           | PB162447BL       | BG062343.D     | 08/09/2024       | 01:47            |
| E05Z0             | P3434-09         | BG062344.D     | 08/09/2024       | 02:28            |
| E05Z1             | P3434-10         | BG062345.D     | 08/09/2024       | 03:10            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080824

Lab Code: CHEM

SAS No.: BG080824 SDG NO.: BG080824

Lab File ID: BG062327.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA\_G

DFTPP Injection Time: 13:22

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 40.1                 |
| 68  | Less than 2.0% of mass 69          | 0.0 ( 0.0 ) 1        |
| 69  | Mass 69 relative abundance         | 31.2                 |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 37.9                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 27.9                 |
| 365 | Greater than 1% of mass 198        | 4.3                  |
| 441 | Present, but less than mass 443    | 11.6                 |
| 442 | Greater than 50% of mass 198       | 71                   |
| 443 | 15.0 - 24.0% of mass 442           | 13.3 ( 18.7 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

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

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| E05T5             | P3434-04         | BG062346.D     | 08/09/2024       | 03:51            |
| E05T6             | P3434-05         | BG062347.D     | 08/09/2024       | 04:32            |
| E05T7             | P3434-06         | BG062348.D     | 08/09/2024       | 05:13            |
| SLCS448           | PB162448BS       | BG062349.D     | 08/09/2024       | 05:55            |
| SLCS447           | PB162447BS       | BG062350.D     | 08/09/2024       | 06:36            |
| SSTD020600        | SSTDCCC020       | BG062351.D     | 08/09/2024       | 07:58            |