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| Site name                                  | Site number<br>from<br>headwaters to<br>ohio river | Conductivity (us) | pH   | Total<br>Phosphorous (mg/l) | Turbidity (NTU) | Nitrates (mg/l) | Total<br>Coliforms | E.coli  |
|--------------------------------------------|----------------------------------------------------|-------------------|------|-----------------------------|-----------------|-----------------|--------------------|---------|
| Main Stem                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| Mill Creek Headwaters at Stone Creek Drive | 28                                                 | 755               | 8.22 | 0.11                        | 3.35            | 1.4             | 1732.9             | 648.8   |
| Tylersville Road Mill Creek Main Stem      | 29                                                 | 780               | 8.17 | 0.08                        | 7.04            | 1.1             | 2419.6             | 547.5   |
| Trib                                       |                                                    |                   |      |                             |                 |                 |                    |         |
| Unnamed Trib to Main Stem UMC              | 31                                                 | 1263              | 8.13 | 0.1                         | 8.99            | 0.3             | 1986.3             | 249.5   |
| Union Centre Blvd Trib to Main Stem        | 30                                                 | 840               | 8.2  | 0.07                        | 2.87            | 1               | 1413.6             | 547.5   |
| Main Stem                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| Highway 747 Bridge Mill Creek Main Stem    | 32                                                 | 883               | 8.02 | 0.32                        | 23.35           | 0.3             | 2419.6             | 435.2   |
| Mill Creek Main Stem at Rialto Rd          | 22                                                 | 834               | 8.13 | 0.28                        | 28.75           | 1               | 1732.9             | 410.6   |
| Muhlhauser Road Mill Creek Main Stem       | 33                                                 | 851               | 8    | 0.23                        | 23.95           | 0.4             | >2419.6            | 461.1   |
| Windisch Road Mill Creek Main Stem         | 34                                                 | 790               | 8.1  | 0.3                         | 43.9            | 0.4             | >2419.6            | 488.4   |
| TCP Upper Mill Creek Main Stem             | 35                                                 | 782               | 8    | 0.22                        | 40.7            | 0.7             | >2419.6            | 547.5   |
| Trib                                       |                                                    |                   |      |                             |                 |                 |                    |         |
| Beaver Run at Chesterwood Court            | 20                                                 | 1371              | 8.2  | 0.08                        | 5.03            | 0.4             | >2419.6            | >2419.6 |
| Main Stem                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| TCP Lower Mill Creek Main Stem             | 36                                                 | 814               | 7.87 | 0.26                        | 38.55           | 0.6             | >2419.6            | 410.6   |
| East Fork                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| Keehner Park East Fork Mill Creek          | 44                                                 | 827               | 8.3  | 0.14                        | 3.65            | 0.8             | 1986.3             | 124.6   |
| West Chester Road East Fork Mill Creek     | 43                                                 | 939               | 8.22 | 0.14                        | 4.93            | 0.6             | 2419.6             | 137.4   |
| Minuteman Trib to East Fork                | 21                                                 | 878               | 8.27 | 0.18                        | 16.05           | 0.4             | 1732.9             | 166.4   |
| Allen Road East Fork Mill Creek            | 40                                                 | 870               | 8.17 | 0.09                        | 5.24            | 0.8             | 1413.6             | 166.4   |
| Crescentville Road East Fork Mill Creek    | 39                                                 | 1010              | 8.11 | 0.47                        | 5.69            | 0.6             | >2419.6            | >2419.6 |
| TCP Lower East Fork Mill Creek             | 37                                                 | 1068              | 8.11 | 0.6                         | 5.3             | 0.4             | >2419.6            | >2419.6 |
| Main Stem                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| Mill Creek Main Stem at Kemper Rd. Bridge  | 19                                                 | 896               | 8.02 | 0.29                        | 34.5            | 0.7             | >2419.6            | >2419.6 |
| Trib                                       |                                                    |                   |      |                             |                 |                 |                    |         |
| Unnamed Tributary by Kemper Rd             | 17                                                 | 1192              | 8.14 | 0.07                        | 8.51            | 0.3             | 1732.9             | 360.9   |
| Town Run at Kenwood Road                   | 16                                                 | 1121              | 8.09 | 0.12                        | 5.09            | 0.2             | >2419.6            | 2419.6  |
| Tributary to Sharon Creek                  | 15                                                 | 1142              | 8.06 | 0.12                        | 8.61            | 0.2             | 1119.9             | 488.4   |
| Sharon Creek at Exon Avenue                | 14                                                 | 848               | 8.15 | 0.16                        | 21.15           | 0.4             | 2419.6             | 272.3   |
| Mill Creek Main Stem at Cunningham Drive   | 13                                                 | 926               | 8.13 | 0.25                        | 26.95           | 0.8             | >2419.6            | 1986.3  |
| Trib                                       |                                                    |                   |      |                             |                 |                 |                    |         |
| Trib to Sharon Creek at Reading Road       | 38                                                 | 795               | 8.32 | 0.09                        | 4.63            | 0.4             | 866.4              | 240     |
| Cooper Creek at Reading Road               | 12                                                 | 884               | 8.18 | 0.09                        | 4.65            | 0.4             | 1986.3             | 260.3   |
| Fox Run Tributary to Cooper Creek          | 9                                                  | 1366              | 8.17 | 0.11                        | 7.48            | 0.3             | 1413.6             | 248.9   |
| Main Stem                                  |                                                    |                   |      |                             |                 |                 |                    |         |
| Main Stem at Columbia Ave.                 | 10                                                 | 941               | 8.11 | 0.22                        | 20.4            | 0.3             | >2419.6            | >2419.6 |
| West Fork Mill Creek                       |                                                    |                   |      |                             |                 |                 |                    |         |
| West Fork Mill Creek at Miles Rd           | 41                                                 | 624               | 8.4  | 0.21                        | 14.6            | 0.5             | 1732.9             | 272.3   |
| West Fork at Greenhills Country Club       | 1                                                  | 1754              | 7.56 | 0.06                        | 5.75            | 0.4             | >2419.6            | 1732.9  |
| West Fork Mill Creek at Hanover Rd         | 18                                                 | 838               | 7.98 | 0.09                        | 2.74            | 0.4             | >2419.6            | 435.2   |
| West Fork Mill Creek at Glenwood Gardens   | 42                                                 | 937               | 8.23 | 0.14                        | 3.415           | 0.5             | 1299.7             | 133.4   |
| West Fork Mill Creek from Oak Ave.         | 11                                                 | 465               | 7.98 | 0.3                         | 82.75           | 0.5             | >2419.6            | 1732.9  |

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|                                              |    |      |      |      |       |     |         |         |
|----------------------------------------------|----|------|------|------|-------|-----|---------|---------|
| Cooper Avenue West Fork Mill Creek           | 45 | 471  | 7.97 | 0.37 | 71.8  | 0.8 | >2419.6 | 1986.3  |
| West Fork Mill Creek at Galbraith Rd. Bridge | 8  | 474  | 8.05 | 0.3  | 81.85 | 0.4 | >2419.6 | 1553.1  |
| Amberley Creek                               |    |      |      |      |       |     |         |         |
| Amberley Creek near Ellbrook Ave             | 6  | 730  | 8.11 | 0.11 | 8.98  | 0.2 | 2419.6  | 517.2   |
| Amberley Creek at Stillwell                  | 7  | 658  | 7.93 | 0.26 | 59    | 0.5 | >2419.6 | 2419.6  |
| Main Stem                                    |    |      |      |      |       |     |         |         |
| Mill Creek Main Stem at Wayne Avenue Bridge  | 5  | 699  | 7.97 | 0.28 | 52    | 0.4 | >2419.6 | >2419.6 |
| Trib                                         |    |      |      |      |       |     |         |         |
| Congress Run at Hartwell Golf Club           | 4  | 970  | 8.14 | 0.1  | 4.34  | 0.3 | 2419.6  | 980.4   |
| West Fork                                    |    |      |      |      |       |     |         |         |
| Mill Creek Main Stem at Center Hill Bridge   | 27 | 666  | 8.09 | 0.34 | 59.2  | 0.9 | >2419.6 | >2419.6 |
| Mill Creek Main Stem at Spring Grove Bridge  | 23 | 650  | 8.06 | 0.36 | 60.3  | 0.7 | >2419.6 | >2419.6 |
| West Fork at Kleeman Ct                      | 3  | 1256 | 8.08 | 0.25 | 16.15 | 0.4 | >2419.6 | 172.5   |
| West Fork at Powers St                       | 2  | 860  | 8    | 0.2  | 13.3  | 0.3 | >2419.6 | >2419.6 |
| Main Stem                                    |    |      |      |      |       |     |         |         |
| Mill Creek Main Stem at Yellow Bridge        | 24 | 662  | 7.99 | 0.31 | 50.05 | 0.7 | >2419.6 | >2419.6 |
| Lick Run at Mouth to Mill Creek Main Stem    | 26 | 690  | 7.87 | 0.33 | 39.4  | 0.8 | >2419.6 | >2419.6 |
| Mill Creek Main Stem at US 50 Bridge         | 25 | 616  | 7.94 | 0.33 | 50.35 | 0.8 | >2419.6 | >2419.6 |