Ohio EPA, 1994, Biological and Water Quality Study of Mill Creek And Tributaries

 Butler and Hamilton Counties, Ohio. Volume 1.OEPA Technical Report SWS/1993-12-9.

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| Sediment samples |
| Mill Creek main stem |
| River-Mile | As | Cd | Cr | Cu | Fe | Ni | Pb | Zn | Cr+Cu+Pb+Zn |
| 26.40 | 6.6 | 0.12 | 21.3 | 15.5 | 20800 | 22.1 | 31.6 | 80.6 | 149 |
| 24.64 | 8.0 | 0.10 | 18.3 | 23.4 | 31200 | 30.0 | 26.6 | 84.9 | 153 |
| 16.57 | 0.1 | 0.28 | 25.2 | 15.4 | 11200 | 26.0 | 40.7 | 101 | 182 |
| 14.80 | 5.3 | 0.23 | 21.7 | 15.7 | 11800 | 21.2 | 49.7 | 103 | 190 |
| 13.89 | 7.3 | 0.20 | 19.7 | 18.2 | 13700 | 21.1 | 49.3 | 105 | 192 |
| 13.72 | 6.3 | 0.33 | 29.5 | 18.3 | 14500 | 37.5 | 39.8 | 65.3 | 153 |
| 13.13 | 5.5 | 0.55 | 32.9 | 33.6 | 16200 | 34.3 | 65.0 | 161 | 293 |
| 9.02 | 6.6 | 0.26 | 19.7 | 23.2 | 14800 | 22.9 | 70.0 | 84.3 | 197 |
| 8.38 | 6.1 | 0.69 | 28.9 | 36.8 | 12300 | 28.9 | 47.5 | 192 | 305 |
| 7.86 | 6.2 | 0.32 | 19.2 | 23.5 | 14900 | 21.1 | 112 | 310 | 465 |
| 5.20 | 9.7 | 6.10 | 60.5 | 195 | 21000 | 44.8 | 217 | 456 | 929 |
| 2.90 | 10.2 | 0.88 | 35.8 | 128 | 22200 | 57.6 | 144 | 267 | 575 |
| 0.50 | 6.7 | 0.96 | 29.7 | 50 | 14100 | 33.4 | 89.5 | 173 | 342 |

units = mg/kg