

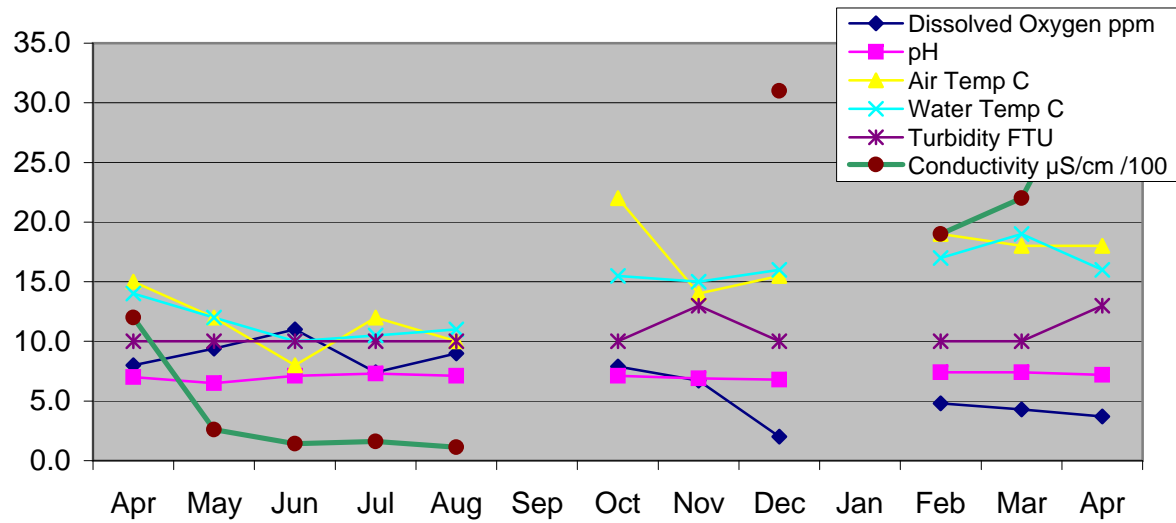
DAMPER CREEK - East Branch

Location: MW site YDP 035

| Water Quality Test | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
|---|------------------|-----------------|------------------|------------------|-----------------|-----|------------------|-------------------|-------------------|----------|------------------|------------------|------------------|
| Time | 10.4.15 10.20 | 15.5.15 9.40 | 12.6.15 11.15 | 10.7.15 10.30 | 14.8.15 9.20 | | 9.10.15 10.40 | 13.11.15 10.35 | 11.12.15 10.30 | No tests | 15.2.16 10.30 | 10.3.16 10.20 | 14.4.16 10.20 |
| Dissolved Oxy, ml ppm | 8.0 | 9.4 | 11.0 | 7.4 | 9.0 | | 7.9 | 6.7 | 2.0 | | 4.8 | 4.3 | 3.7 |
| pH | 7.0 | 6.5 | 7.1 | 7.3 | 7.1 | | 7.1 | 6.9 | 6.8 | | 7.4 | 7.4 | 7.2 |
| Air Temperature °C | 15.0 | 12.0 | 8.0 | 12.0 | 10.0 | | 22.0 | 14.0 | 15.5 | | 19.0 | 18.0 | 18.0 |
| Water temperature °C | 14.0 | 12.0 | 10.0 | 10.5 | 11.0 | | 15.5 | 15.0 | 16.0 | | 17.0 | 19.0 | 16.0 |
| Conductivity* μS/cm /100 | 12 | 2.6 | 1.41 | 1.62 | 1.14 | | 35.8 | | 31 | | 19 | 22 | 34.8 |
| Turbidity NTU | 10 | 10 | 10 | 10 | 10 | | 10 | 13 | 10 | | 10 | 10 | 13 |
| Soluble Phosp PO ₄ (ppm), P(ppm) | 0.05542 | 0.00652 | 0.05868 | 0.0652 | 0.04238 | | 0.06194 | | 0 | | 0.022 | 0.065 | 0.07172 |
| Ammonia-Nitrogen NH ₄ (mg/l) | 0.15 | 0.04 | 0.15 | 0.15 | 0 | | 0.5 | 0.4 | 0.5 | | 0.3 | 0.5 | 0.5 |
| Chlorine | | | | | | | | | | | | | |

* Multiply by 100 to get actual value

Water Quality: East Branch Apr 2015 - Apr 2016



DAMPER CREEK - North Branch

Location: MW site YDP 037

| Water Quality Test | Apr 10.4.15 9.30 | May 15.5.15 10.20 | Jun 12.6.15 10 | Jul 10.7.15 9.30 | Aug 14.8.15 8.30 | Sep | Oct 9.10.15 9.40 | Nov 13.11.15 9.35 | Dec 11.12.15 9.40 | Dec No Tests | Feb 15.2.16 9.40 | Mar 10.3.16 9.30 | Apr 14.4.16 9.40 |
|---|------------------------|-------------------------|----------------------|------------------------|------------------------|-----|------------------------|-------------------------|-------------------------|-----------------|------------------------|------------------------|------------------------|
| Dissolved Oxy ₂ ml ppm | 5.8 | 8.2 | 10.6 | 8.7 | 8.3 | | 1.8 | 5.8 | 1.0 | | 1.2 | 0.5 | 2.0 |
| pH | 6.7 | 6.7 | 7.2 | 7.5 | 7.2 | | 7.1 | 6.3 | 5.2 | | 6.7 | 7.0 | 6.6 |
| Air Temperature °C | 14.0 | 12.5 | 6.0 | 11.0 | 10.0 | | 10.0 | 15.0 | 17.0 | | 18.0 | 20.5 | 18.0 |
| Water temperature °C | 12.0 | 13.0 | 8.5 | 9.0 | 9.5 | | 9.5 | 16.0 | 16.5 | | 17.0 | 19.0 | 15.0 |
| Conductivity* μS/cm /100 | 3.1 | 5 | 2.2 | 2 | 3.7 | | 11.3 | | 1.4 | | 1.9 | 1.9 | 2.3 |
| Turbidity NTU | 10 | 10 | 10 | 12 | 10 | | 50 | 40 | 60 | | 32 | 30 | 38 |
| Soluble Phosp PO ₄ (ppm), P(ppm) | 0.08476 | 0.02608 | 0.06846 | 0.08476 | 0.075 | | 0.153 | | 0 | | 0.1 | 0.075 | 0.04 |
| Ammonia-Nitrogen NH ₄ (mg/l) | 0.45 | 0.1 | 0.04 | 0.03 | 0 | | 0.02 | 0.07 | 0 | | 0.5 | 0.3 | 0.14 |
| Chlorine | | | | | | | | | | | | | |

* Multiply by 100 to get actual value

Water Quality: North Branch Apr 2015 - Apr 2016

