

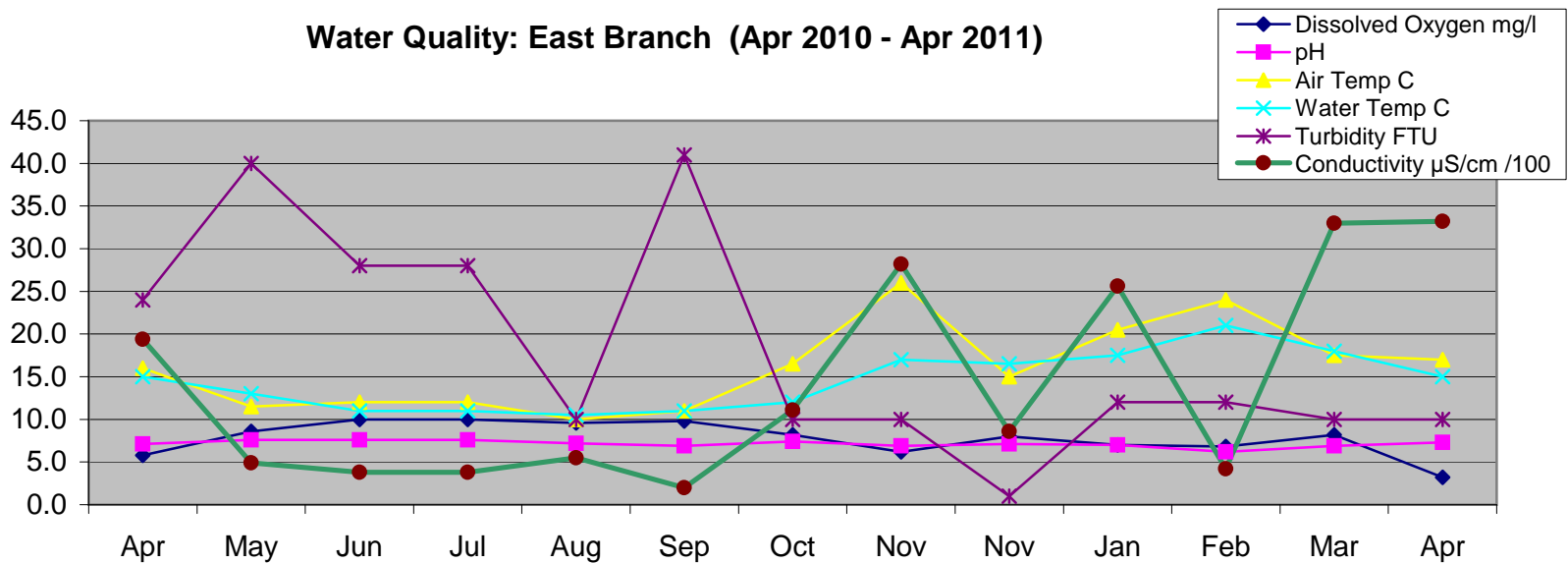
DAMPER CREEK - East Branch

Location: MW site YPD 035

| Water Quality Test | | | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr |
|--|-----------------------|------|---------|---------|---------|--------|---------|---------|----------|----------|-------------------|------------------|-----------------|-----------------|----------------|
| Time | | | 16.4.10 | 14.5.10 | 11.6.10 | 9.7.10 | 13.8.10 | 10.9.10 | 15.10.10 | 12.11.10 | 10.12.10 10.30 | 19.1.11 15.50 | 11.2.11 0945 | 10.3.11 0930 | 8.4.11 0945 |
| Dissolved Oxygen | ml | mg/l | 5.8 | 8.6 | 10.0 | 10.0 | 9.6 | 9.8 | 8.2 | 6.2 | 8.0 | 7.0 | 6.8 | 8.2 | 3.2 |
| pH | | | 7.1 | 7.6 | 7.6 | 7.6 | 7.2 | 6.9 | 7.4 | 6.9 | 7.1 | 7.0 | 6.2 | 6.9 | 7.3 |
| Air Temperature | °C | | 16.0 | 11.5 | 12.0 | 12.0 | 10.0 | 11.0 | 16.5 | 26.0 | 15.0 | 20.5 | 24.0 | 17.5 | 17.0 |
| Water temperature | °C | | 15.0 | 13.0 | 11.0 | 11.0 | 10.5 | 11.0 | 12.0 | 17.0 | 16.5 | 17.5 | 21.0 | 18.0 | 15.0 |
| Conductivity* | µS/cm /100 | | 19.4 | 4.9 | 3.8 | 3.8 | 5.5 | 2 | 11.1 | 28.2 | 8.6 | 25.6 | 4.2 | 33 | 33.2 |
| Turbidity | FTU | | 24 | 40 | 28 | 28 | 10 | 41 | 10 | 10 | 1 | 12 | 12 | 10 | 10 |
| Soluble Phosp. PO ₄ (ppm), P(ppm) | | | 0.0326 | 0.02608 | 0.0326 | 0.0326 | 0.1141 | 0.02282 | 0.0652 | 0.07172 | 0.11736 | 0.05216 | 0.07172 | 0.00978 | 0.2414 |
| Ammonia-Nitrogen | NH ₄ (ppm) | | 0.04 | 0.01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.1 | 0.09 | 0.01 | 0.5 |
| Chlorine | | | | | | 0 | 0 | 0 | 0 | 0 | 0 | | | | |

* Multiply by 100 to get actual value

Water Quality: East Branch (Apr 2010 - Apr 2011)



DAMPER CREEK - North Branch

Location: MW site YPD 037

| Water Quality Test | | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Nov | Jan | Feb | Mar | Apr |
|---------------------------------------|-----------------------|---------|---------|---------|---------|---------|---------|----------|----------|------------------|-----------------|-----------------|-----------------|----------------|
| Time | | 16.4.10 | 14.5.10 | 11.6.10 | 9.7.10 | 13.8.10 | 10.9.10 | 15.10.10 | 12.11.10 | 10.12.10 0940 | 19.1.11 1550 | 11.2.11 0945 | 10.3.11 0930 | 8.4.11 1035 |
| Dissolved Oxygen | ml ppm | 5.8 | 8.0 | 9.6 | 9.0 | 10.2 | 9.8 | 8.2 | 6.6 | 8.0 | 7.4 | 6.8 | 7.8 | 0.9 |
| pH | | 7.2 | 7.2 | 7.6 | 7.4 | 7.2 | 7.2 | 7.3 | 7.2 | 7.2 | 6.9 | 6.8 | 6.7 | 6.9 |
| Air Temperature | °C | 11.0 | 13.5 | 11.0 | 6.0 | 13.0 | 10.0 | 14.5 | 21.0 | 17.0 | 20.0 | 24.0 | 17.5 | 21.0 |
| Water temperature | °C | 14.0 | 12.0 | 10.0 | 8.0 | 10.5 | 10.5 | 11.0 | 18.0 | 16.5 | 18.0 | 21.0 | 18.0 | 15.0 |
| Conductivity* | µS/cm /100 | 2.2 | 1.5 | 1.7 | 2.5 | 4.6 | 2.1 | 2 | 8.1 | 5 | 6.1 | 2.6 | 1.6 | 3.8 |
| Turbidity | FTU | 15 | 14 | 19 | 5 | 10 | 26 | 10 | 10 | 18 | 0 | 14 | 13 | 12 |
| Soluble Phosph. PO ₄ (ppm) | P(ppm) | 0.05868 | 0.07172 | 0.0163 | 0.18256 | 0.06194 | 0.0326 | 0.04564 | 0.11736 | 0.12388 | 0.09128 | 0.08802 | 0.1728 | 0.0978 |
| Ammonia-Nitrogen | NH ₄ (ppm) | 0.04 | 0.02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.02 | 0 | 0.05 |
| Chlorine | | | | | | 0 | 0 | 0 | 0 | 0 | | | | |

* Multiply by 100 to get actual value

