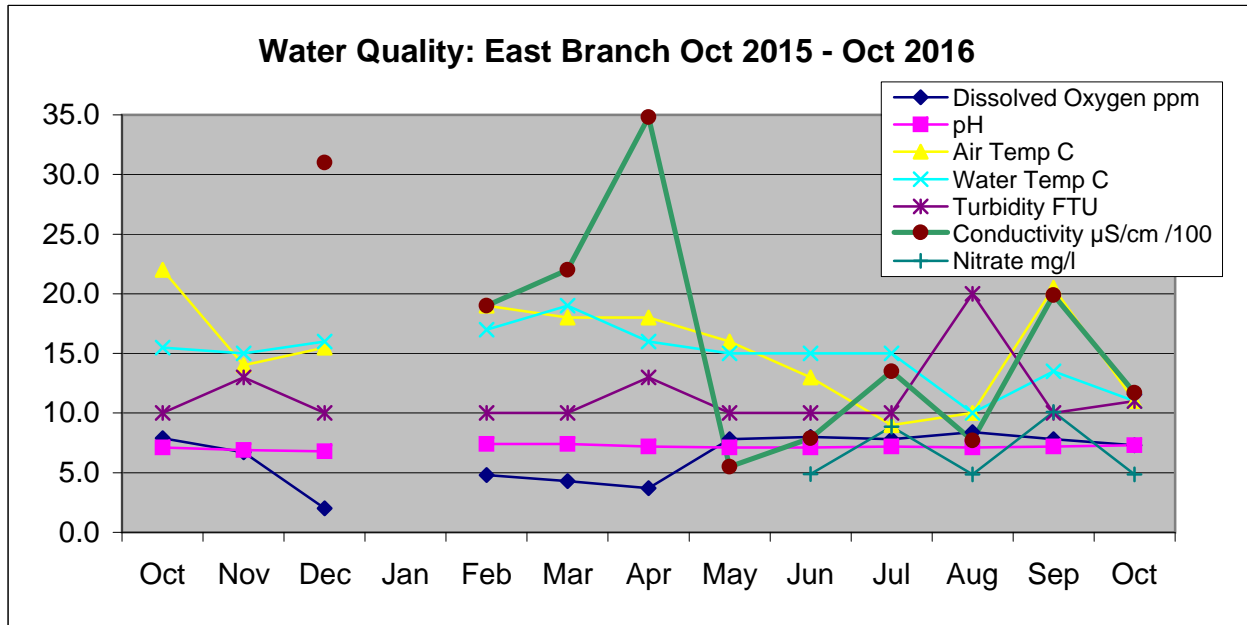


## DAMPER CREEK - East Branch

Location: MW site YDP 035

Water Quality Test	Oct 9.10.15	Nov 13.11.15	Dec 11.12.15	Jan	Feb 15.2.16	Mar 10.3.16	Apr 14.4.16	May 12.5.16	Jun 9.6.16	Jul 14.7.16	Aug 11.8.16	Sep 8.9.16	Oct 14.10.16
Time	10.40	10.35	10.30	No tests	10.30	10.20	10.20	10.30	10.20	10.20	10.30	10.30	10.45
Dissolved Oxy. ml ppm	7.9	6.7	2.0		4.8	4.3	3.7	7.8	8.0	7.8	8.4	7.8	7.3
pH	7.1	6.9	6.8		7.4	7.4	7.2	7.1	7.1	7.2	7.1	7.2	7.3
Air Temperature °C	22.0	14.0	15.5		19.0	18.0	18.0	16.0	13.0	9.0	10.0	20.5	11.0
Water temperature °C	15.5	15.0	16.0		17.0	19.0	16.0	15.0	15.0	15.0	10.0	13.5	11.0
Conductivity* μS/cm /100	35.8		31		19	22	34.8	5.5	7.9	13.5	7.7	19.9	11.7
Turbidity NTU	10	13	10		10	10	13	10	10	10	20	10	11
Soluble Phosp PO <sub>4</sub> (ppm), P(ppm)	0.06194		0		0.022	0.065	0.07172	0.039	0.0522	0.134	0.059	0.05	0.04
Ammonia-Nitrogen NH <sub>4</sub> (mg/l)	0.5	0.4	0.5		0.3	0.5	0.5	0.07	0.1	0.4	0.5	0.4	0.3
Nitrate NO <sub>3</sub> (mg/l)									4.873	8.86	4.87	10.1	4.87

\* Multiply by 100 to get actual value



### DAMPER CREEK - North Branch

Location: MW site YDP 037

Water Quality Test	Time	Oct 9.10.15	Nov 13.11.15	Dec 11.12.15	Dec No Tests	Feb 15.2.16	Mar 10.3.16	Apr 14.4.16	May 12.5.16	Jun 9.6.16	Jul 14.7.16	Aug 11.8.16	Sep 8.9.16	Oct 14.10.16
Dissolved Oxy, ml ppm	9.40	9.35	9.40		9.40	9.30	9.40	9.00	9.30	9.30	9.40	9.40	9.40	9.45
pH	7.1	6.3	5.2		6.7	7.0	6.6	6.5	7.1	6.9	6.8	7.2	7.4	7.3
Air Temperature °C	10.0	15.0	17.0		18.0	20.5		16.0	13.0	7.0	9.0	20.0	11.0	11.0
Water temperature °C	9.5	16.0	16.5		17.0	19.0	15.0	14.0	12.0	9.0	9.0	13.0	11.0	11.0
Conductivity* μS/cm /100	11.3		1.4		1.9	1.9	2.3	2	1.6	1.7	1.5	1	6.6	6.6
Turbidity NTU	50	40	60		32	30	38	10	10	22	25	17	10	10
Soluble Phosp PO <sub>4</sub> (ppm), P(ppm)	0.153		0		0.1	0.075	0.04	0.05	0.05	0.02	0.059	0.059	0.12	0.12
Ammonia-Nitrogen NH <sub>4</sub> (mg/l)	0.02	0.07	0		0.5	0.3	0.14	0.02	0	1.02	0	0	0.02	0.02
Nitrate NO <sub>3</sub> (mg/l)											1.99	1.02	2	2

\* Multiply by 100 to get actual value

#### Water Quality: North Branch Oct 2015 - Oct 2016

