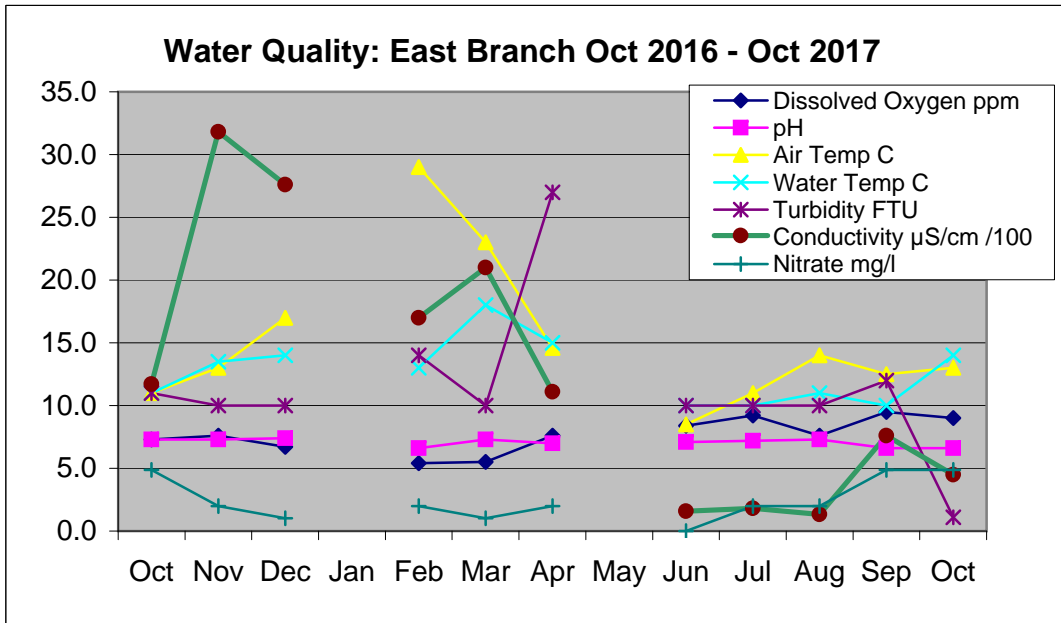


## DAMPER CREEK - East Branch

Location: MW site YDP 035

			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
Water Quality Test			14.10.16	10.11.16	15.12.16	No tests	9.2.17	9.3.17	12.4.17	No	8.6.17	13.7.17	10.8.17	14.9.17	12.10.17
Time			10.45	10.35	10.30		10.35	10.55	10.30	Measure	10.30	10.20	10.30	10.35	10.30
Dissolved Oxy	ml	ppm	7.3	7.6	6.7		5.4	5.5	7.6		8.4	9.2	7.6	9.5	9.0
pH			7.3	7.3	7.4		6.6	7.3	7.0		7.1	7.2	7.3	6.6	6.6
Air Temperature		°C	11.0	13.0	17.0		29.0	23.0	14.6		8.5	11.0	14.0	12.5	13.0
Water temperature		°C	11.0	13.5	14.0		13.0	18.0	15.0		10.0	10.0	11.0	10.0	14.0
Conductivity*		µS/cm /100	11.7	31.8	27.6		17	21	11.1		1.57	1.8	1.33	7.6	4.5
Turbidity		NTU	11	10	10		14	10	27		10	10	10	12	1.1
Soluble Phosp PO <sub>4</sub> (ppm)	P(ppm)		0.04	0.04	0.03		0.078	0.022	0.082		0.0293	0.05868	0.0652	0.08802	0.01304
Ammonia-Nitrogen		NH <sub>4</sub> (mg/l)	0.3	0.5	0.35		0.5	0.5	0.3		0.07	0.07	0.01	0.2	
Nitrate		NO <sub>3</sub> (mg/l)	4.87	1.9935	1.0189		1.999	1.02	2		0	1.9935	1.9935	4.873	4.873

\* Multiply by 100 to get actual value



### DAMPER CREEK - North Branch

Location: MW site YDP 037

Water Quality Test	Oct 14.10.16	Nov 10.11.16	Dec 15.12.16	Jan No Tests	Feb 9.2.17	Mar 9.3.17	Apr 12.4.17	May No Measure	Jun 8.6.17	Jul 13.7.17	Aug 10.8.17	Sep 14.9.17	Oct 12.10.17
Time	9.45	9.40	9.40		9.40	10.05	9.45		9.40	9.40	9.45	9.45	9.35
Dissolved Oxy, ml ppm	7.3	1.5	0.8		2.7	0.0	7.5		8.8	9.0	8.8	8.8	9.0
pH	7.4	7.1	6.9		6.8	6.9	7.0		7.3	7.2	6.6	6.8	6.7
Air Temperature °C	11.0	13.0	15.0		29.0	22.0	14.0		8.0	9.0	13.0	10.0	11.0
Water temperature °C	11.0	13.0	14.0		21.0	16.5	13.5		8.0	10.0	10.0	10.0	13.0
Conductivity* μS/cm /100	6.6	5.2	4.7		5.8	3.5	3.2		2.5	1.8	1.9	1.5	1
Turbidity NTU	10	10	10		25	50	10		10	10	10	10	15
Soluble Phosp PO <sub>4</sub> (ppm), P(ppm)	0.12	0.104	0.085		0.05	0.01	0.033		0.0619	0.052	0.0652	0.08802	0.08802
Ammonia-Nitrogen NH <sub>4</sub> (mg/l)	0.02	0.3	0.5		0.04	0	0.04		0.01	0.01	0	0.02	0
Nitrate NO <sub>3</sub> (mg/l)	2	0	0		1.02	0	0		0	0	1.0189	1.0189	1.9935

\* Multiply by 100 to get actual value

#### Water Quality: North Branch Oct 2016 - Oct 2017

