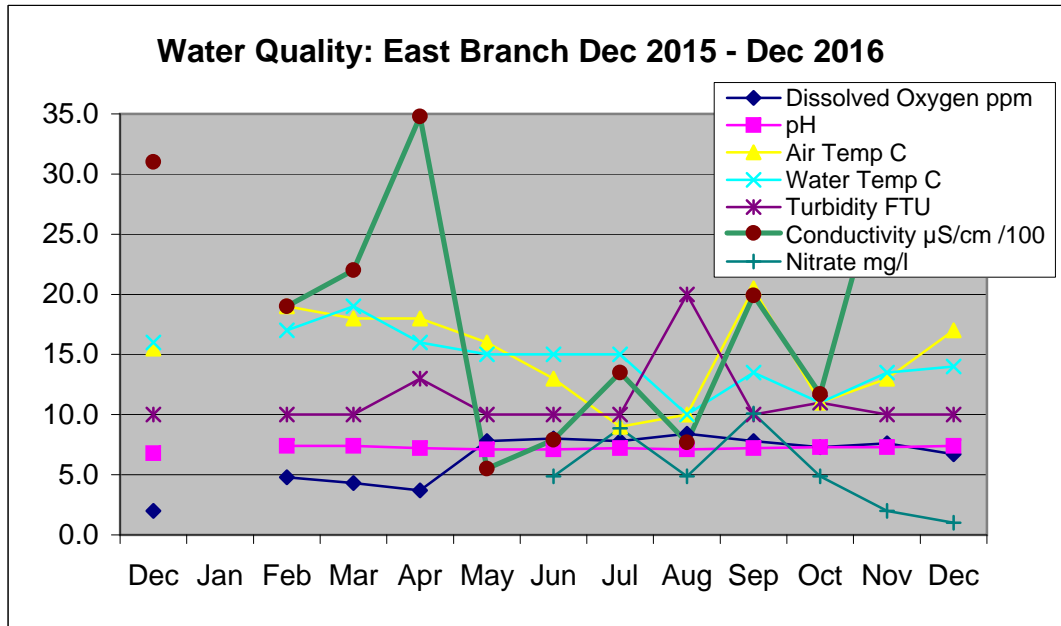


### DAMPER CREEK - East Branch

Location: MW site YDP 035

			Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Water Quality Test</b>			11.12.15	No tests	15.2.16	10.3.16	14.4.16	12.5.16	9.6.16	14.7.16	11.8.16	8.9.16	14.10.16	10.11.16	15.12.16
<i>Time</i>			10.30		10.30	10.20	10.20	10.30	10.20	10.20	10.30	10.30	10.45	10.35	10.30
<i>Dissolved Oxy</i>	ml	ppm	2.0		4.8	4.3	3.7	7.8	8.0	7.8	8.4	7.8	7.3	7.6	6.7
<i>pH</i>			6.8		7.4	7.4	7.2	7.1	7.1	7.2	7.1	7.2	7.3	7.3	7.4
<i>Air Temperature</i>	°C		15.5		19.0	18.0	18.0	16.0	13.0	9.0	10.0	20.5	11.0	13.0	17.0
<i>Water temperature</i>	°C		16.0		17.0	19.0	16.0	15.0	15.0	15.0	10.0	13.5	11.0	13.5	14.0
<i>Conductivity*</i>	µS/cm /100		31		19	22	34.8	5.5	7.9	13.5	7.7	19.9	11.7	31.8	27.6
<i>Turbidity</i>	NTU		10		10	10	13	10	10	10	20	10	11	10	10
<i>Soluble Phosp PO<sub>4</sub></i> (ppm)	P(ppm)		0		0.022	0.065	0.07172	0.039	0.0522	0.134	0.059	0.05	0.04	0.04	0.03
<i>Ammonia-Nitrogen</i>	NH <sub>4</sub> (mg/l)		0.5		0.3	0.5	0.5	0.07	0.1	0.4	0.5	0.4	0.3	0.5	0.35
<i>Nitrate</i>	NO <sub>3</sub> (mg/l)								4.873	8.86	4.87	10.1	4.87	1.9935	1.0189

\* Multiply by 100 to get actual value



### DAMPER CREEK - North Branch

Location: MW site YDP 037

Water Quality Test	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	Nov 10.11.16	Dec 15.12.16
Time	9.40		9.40	9.30	9.40	9.00	9.30	9.30	9.40	9.40	9.45	9.40	9.40
Dissolved Oxy, ml ppm	1.0		1.2	0.5	2.0	7.7	7.5	8.8	8.4	8.2	7.3	1.5	0.8
pH	5.2		6.7	7.0	6.6	6.5	7.1	6.9	6.8	7.2	7.4	7.1	6.9
Air Temperature °C	17.0		18.0	20.5		16.0	13.0	7.0	9.0	20.0	11.0	13.0	15.0
Water temperature °C	16.5		17.0	19.0	15.0	14.0	12.0	9.0	9.0	13.0	11.0	13.0	14.0
Conductivity* μS/cm /100	1.4		1.9	1.9	2.3	2	1.6	1.7	1.5	1	6.6	5.2	4.7
Turbidity NTU	60		32	30	38	10	10	22	25	17	10	10	10
Soluble Phosp PO <sub>4</sub> (ppm), P(ppm)	0		0.1	0.075	0.04	0.05	0.05	0.02	0.059	0.059	0.12	0.104	0.085
Ammonia-Nitrogen NH <sub>4</sub> (mg/l)	0		0.5	0.3	0.14	0.02	0	1.02	0	0	0.02	0.3	0.5
Nitrate NO <sub>3</sub> (mg/l)									1.99	1.02	2	0	0

\* Multiply by 100 to get actual value

