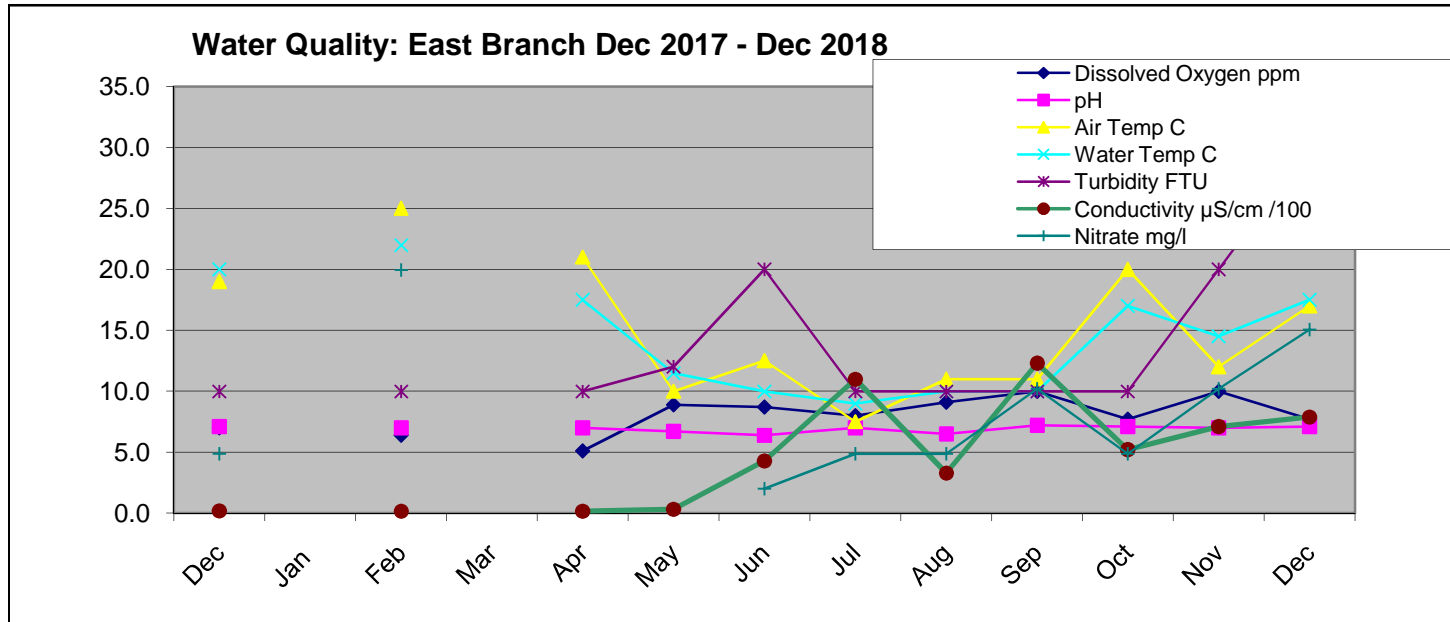


### DAMPER CREEK - East Branch

Location: MW site YDP 035

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Water Quality Test</b>	14.12.17	No tests	8.2.18	No tests	12.4.18	10.5.18	14.6.18	12.7.18	8.8.18	25.9.18	17.10.18	8.11.18	14.12.18
<i>Time</i>	10.25		10.30		10.00	10.20	10.25	10.15	10.10	10.25	10.25	10.25	10.20
<i>Dissolved Oxy</i> , ml ppm	7.0		6.4		5.1	8.9	8.7	8.0	9.1	10.0	7.7	10.0	7.7
<i>pH</i>	7.1		7.0		7.0	6.7	6.4	7.0	6.5	7.2	7.1	7.0	7.1
<i>Air Temperature</i> , °C	19.0		25.0		21.0	10.0	12.5	7.5	11.0	11.0	20.0	12.0	17.0
<i>Water temperature</i> , °C	20.0		22.0		17.5	11.5	10.0	9.0	10.0	10.0	17.0	14.5	17.5
<i>Conductivity*</i> , μS/cm /100	0.199		0.177		0.18	0.33	4.3	11	3.3	12.3	5.2	7.1	7.9
<i>Turbidity</i> , NTU	10		10		10	12	20	10	10	10	10	20	30
<i>Soluble Phosp PO<sub>4</sub></i> (ppm), P(ppm)	0.04565		0.1304		0.06194	0.04238	0.05542	0.07172	0.02628	0.02934	0.0489	0.08802	0.07824
<i>Ammonia-Nitrogen</i> , NH <sub>4</sub> (mg/l)	0.4		0.5		0.5	0.04	0.04	0.07	0.04	0.1	0.2	0.5	0.3
<i>Nitrate</i> , NO <sub>3</sub> (mg/l)	4.873		19.935				1.9935	4.873	4.873	10.189	4.873	10.189	15.062

\* Multiply by 100 to get actual value



### DAMPER CREEK - North Branch

Location: MW site YDP 037

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Water Quality Test</b>	14.12.17	No tests	8.2.18	No Tests	No water	10.5.18	14.6.18	12.7.18	8.8.18	25.9.18	17.10.18	8.11.18	14.12.18
Time	9.35		9.45		no tests	9.30	9.40	9.40	9.35	9.45	9.40	9.40	9.40
Dissolved Oxy: ml ppm	4.6		3.8			8.8	9.2	8.9	8.7	1.2	6.8	8.7	6.7
pH	7.2		6.8			6.7	6.8	6.7	6.9	6.9	6.9	6.9	7.1
Air Temperature °C	20.0		25.0			10.0	12.5	7.5	11.0	10.0	19.0	11.0	17.0
Water temperature °C	19.0		21.0			11.0	9.5	9.5	9.5	9.0	16.5	12.0	18.0
Conductivity* μS/cm /100	0.129		0.25			0.8	1	2.5	2	4.6	1.7	2.5	3.8
Turbidity NTU	10		11			15	13	10	10	25	18	17	17
Soluble Phosp PO <sub>4</sub> (ppm), P(ppm)	0.075		0.173			0.049	0.04565	0.159	0.09128	0.3097	0.05216	0.04328	0.02934
Ammonia-Nitrogen NH <sub>4</sub> (mg/l)	0.1		0.5			0.2	0	0.5	0	0.3	0.4	0	0.02
Nitrate NO <sub>3</sub> (mg/l)	10.189		4.87				1.019	1.019	1.9935	1.0189	1.9936	1.01819	1.1

\* Multiply by 100 to get actual value

#### Water Quality: North Branch Dec 2017 - Dec 2018

