

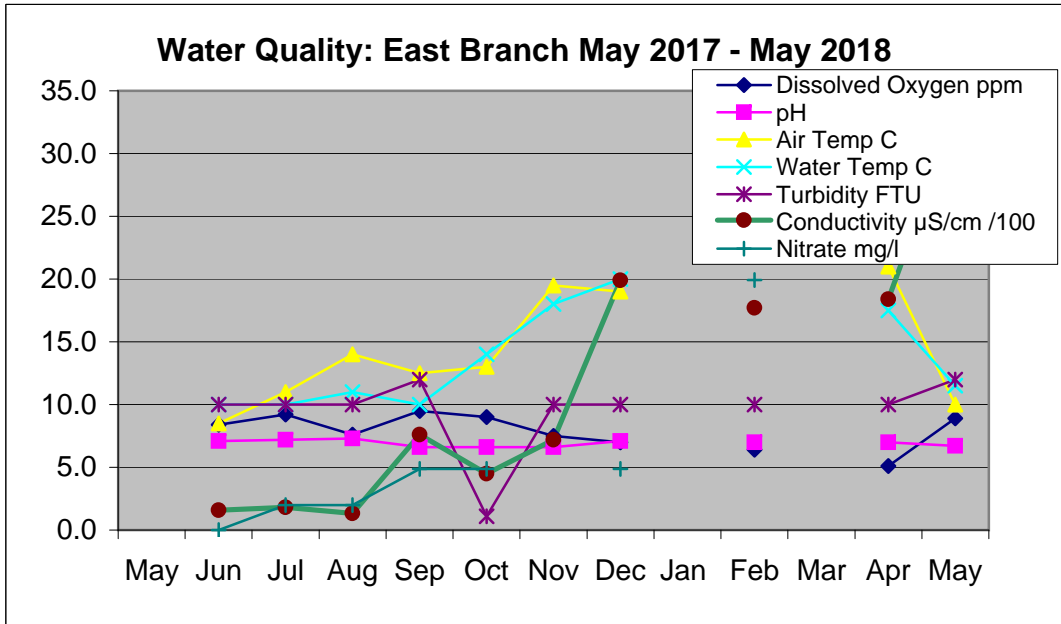
DAMPER CREEK - East Branch

Location: MW site YDP 035

Water Quality Test

Time	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<i>Dissolved Oxy</i> ml ppm	No Test	8.6.17	13.7.17	10.8.17	14.9.17	12.10.17	9.11.17	14.12.17	No tests	8.2.18	No tests	12.4.18	10.5.18
<i>pH</i>		10.30	10.20	10.30	10.35	10.30	11.00	10.25		10.30		10.00	10.20
<i>Air Temperature</i> °C		8.4	9.2	7.6	9.5	9.0	7.5	7.0		6.4		5.1	8.9
<i>Water temperature</i> °C		7.1	7.2	7.3	6.6	6.6	6.6	7.1		7.0		7.0	6.7
<i>Conductivity*</i> μS/cm /100		8.5	11.0	14.0	12.5	13.0	19.5	19.0		25.0		21.0	10.0
<i>Turbidity</i> NTU		10.0	10.0	11.0	10.0	14.0	18.0	20.0		22.0		17.5	11.5
<i>Soluble Phosp PO₄</i> (ppm), P(ppm)		1.57	1.8	1.33	7.6	4.5	7.2	19.9		17.7		18.4	33
<i>Ammonia-Nitrogen</i> NH ₄ (mg/l)		10	10	10	12	1.1	10	10		10		10	12
<i>Nitrate</i> NO ₃ (mg/l)		0.0293	0.05868	0.0652	0.08802	0.01304	0.0163	0.04565		0.1304		0.06194	0.04238
		0.07	0.07	0.01	0.2		0.4	0.4		0.5		0.5	0.04
		0	1.9935	1.9935	4.873	4.873		4.873		19.935			

* Multiply by 100 to get actual value



DAMPER CREEK - North Branch

Location: MW site YDP 037

Water Quality Test

Time	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<i>Dissolved Oxy</i> , ml ppm	No Test	8.6.17 9.40	13.7.17 9.40	10.8.17 9.45	14.9.17 9.45	12.10.17 9.35	9.11.17 9.40	14.12.17 9.35	No tests	8.2.18 9.45	No Tests	No water no tests	10.5.18 9.30
<i>pH</i>		8.8	9.0	8.8	8.8	9.0	7.7	4.6		3.8			8.8
<i>Air Temperature</i> , °C		7.3	7.2	6.6	6.8	6.7	6.8	7.2		6.8			6.7
<i>Water temperature</i> , °C		8.0	9.0	13.0	10.0	11.0	15.0	20.0		25.0			10.0
<i>Conductivity*</i> , µS/cm /100		8.0	10.0	10.0	10.0	13.0	14.0	19.0		21.0			11.0
<i>Turbidity</i> , NTU		2.5	1.8	1.9	1.5	1	3	12.9		25			80
<i>Soluble Phosp PO₄</i> (ppm), P(ppm)		10	10	10	10	15	10	10		11			15
<i>Ammonia-Nitrogen</i> , NH ₄ (mg/l)		0.0619	0.052	0.0652	0.08802	0.08802	0.09454	0.075		0.173			0.049
<i>Nitrate</i> , NO ₃ (mg/l)		0.01	0.01	0	0.02	0	0.1	0.1		0.5			0.2
		0	0	1.0189	1.0189	1.9935		10.189		4.87			

* Multiply by 100 to get actual value

Water Quality: North Branch May 2017 - May 2018

