

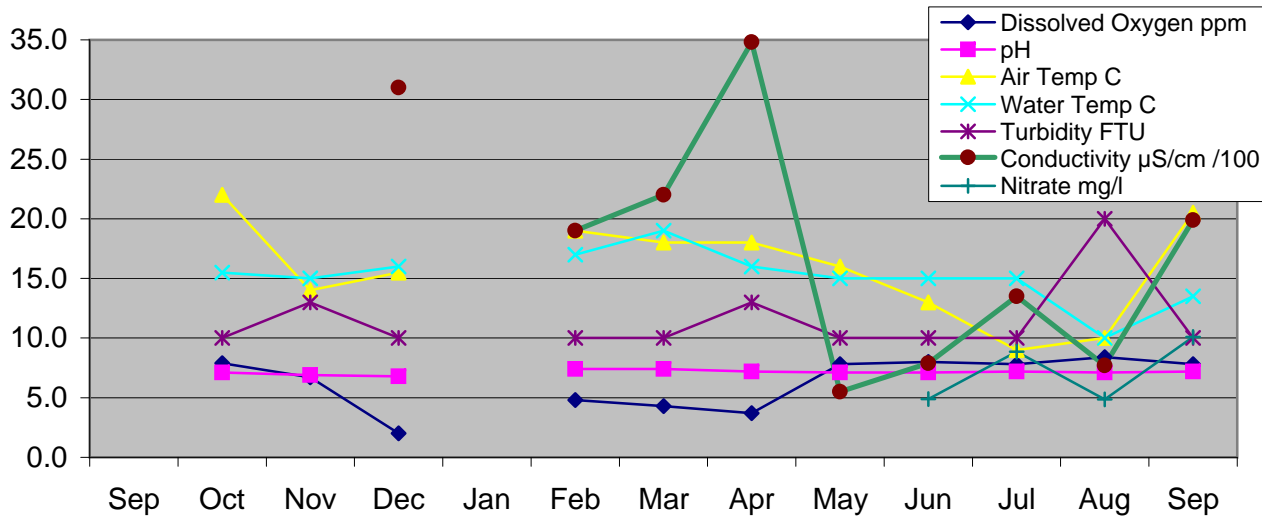
### DAMPER CREEK - East Branch

Location: MW site YDP 035

Water Quality Test	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Time		9.10.15	13.11.15	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
		10.40	10.35	10.30		10.30	10.20	10.20	10.30	10.20	10.20	10.30	10.30
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
pH		7.1	6.9	6.8		7.4	7.4	7.2	7.1	7.1	7.2	7.1	7.2
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
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
Conductivity* μS/cm /100		35.8		31		19	22	34.8	5.5	7.9	13.5	7.7	19.9
Turbidity NTU		10	13	10		10	10	13	10	10	10	20	10
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
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
Nitrate NO <sub>3</sub> (mg/l)										4.873	8.86	4.87	10.1

\* Multiply by 100 to get actual value

#### Water Quality: East Branch Aug 2015 - Aug 2016



### DAMPER CREEK - North Branch

Location: MW site YDP 037

Water Quality Test	Sep	Oct	Nov	Dec	Dec	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Time	9.10.15	13.11.15	11.12.15	No Tests	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
	9.40	9.35	9.40			9.40	9.30	9.40	9.00	9.30	9.30	9.40	9.40
Dissolved Oxy. ml ppm	1.8	5.8	1.0			1.2	0.5	2.0	7.7	7.5	8.8	8.4	8.2
pH	7.1	6.3	5.2			6.7	7.0	6.6	6.5	7.1	6.9	6.8	7.2
Air Temperature °C	10.0	15.0	17.0			18.0	20.5		16.0	13.0	7.0	9.0	20.0
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
Conductivity* μS/cm /100	11.3		1.4			1.9	1.9	2.3	2	1.6	1.7	1.5	1
Turbidity NTU	50	40	60			32	30	38	10	10	22	25	17
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
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
Nitrate NO <sub>3</sub> (mg/l)												1.99	1.02

\* Multiply by 100 to get actual value

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

