Table 1. Squaw Creek Watershed Snapshot Sampling Results – October 13, 2012

	Unit	Method	# of samples	Min Value	Percentiles			Max Value
						25th	50th	75th	
Water Temperature	°F	IOWATER thermometer	6	49	51	53	55	61
Chloride	mg/L	IOWATER test strip	6	<28	<28	46	58	88
pH	pH units	IOWATER test strip	6	7	7	8	8	8
Nitrite-N	mg/L	IOWATER test strip	6	0	0	0	0	0
Nitrate-N	mg/L	IOWATER test strip	6	0	0	0	8	10
Dissolved Oxygen	mg/L	IOWATER Field Kit	6	5	6	7	8	8
Orthophosphorus	mg/L	IOWATER Field Kit	6	0.2	0.3	0.6	1	2
Transparency	centimeters	IOWATER transparency tube	6	15	23	45	60	60
E. coli Bacteria	MPN/100 ml	Lab Analysis	5	790	1,700	24,000	26,000	100,000

mg/L = milligrams per liter (or parts per million - ppm)
MPN/100 ml = Most Probable Number per 100 milliliters of water

During October 2012, a total of 81 streams were sampled statewide as part of the Iowa Department of Natural Resources monthly stream monitoring program. Results from this statewide sampling provide perspective for any snapshot events conducted in May. Median levels from the October 2012 statewide sampling were as follows: water temperature –58.1 degrees F; pH –8.2; dissolved oxygen – 9.7 mg/L; chloride – 31 mg/L; nitrate+nitrite-N – 0.68 mg/L; total phosphate –0.1 mg/L; *E. coli* bacteria – 75 MNP/100 ml.