

# Stream Study Data Sheet

Date: 11/13/12 School: Klein Elem. Stream: 7 Mile Creek No. of students: 47

				4 Excellent	3 Good	2 Fair	1 Poor
Bare Soil				0-10%	11-40%	41-80%	81-100%
Bank Erosion				Stable	Few	Overall	Extensive
Water Appearance				Clear			
Coliform Bacteria (MPN)					Negative		Positive
Dissolved Oxygen	#1 2	#2 2	#3 x	91-110%	71-90%	51-70%	<50%
Nitrate	#1 5	#2 5	#3 3		x	5ppm	20,40ppm
Phosphate	#1 1.5	#2 1.5	#3 4	1ppm	2ppm	4ppm	
pH	#1 7.5	#2 7.5	#3 7.5	7	6,8		4,5,9,10,11
Temperature Downstream _____ 2°C _____ Upstream _____ 2°C _____ Difference _____				0-2	3-5	6-10	>10
Turbidity	#1 60	#2 60	#3 60	0 JTU	>0 to 40 JTU	>40 to 100 JTU	>100 JTU
Macroinvertebrates				16 and above	12-15	8-11	7 or less

## Macroinvertebrate Data Sheet

Macroinvertebrate	Number Found	Pollution Tolerant/Somewhat Tolerant/Intolerant
Crayfish	1	Somewhat Tolerant
Salamander	1	Somewhat Tolerant
Snail	1	Tolerant
Cranefly larvae	1	Tolerant
Planaria	1	Tolerant

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