

High Island Watershed Assessment Project - Biological Oxygen Demand

Site Identification	4/9/01	4/23/01	5/3/01	5/7/01	5/22/01	6/13/01
	S	S	B	B	S	S
Site #1 on CR 8/10	5.5	9.1	2	-	-	4.9
Site #2 on CR 7	8	1.4	<2	3	3	4.4
Site #3 blw Baker's Lake	5	1	2	3.3	2.9	3.6
Site #4 High Island Lake	-	-	6	-	-	-
Site #5 High Is. Cr. @ CR 9	4.5	1	3	4.5	5.8	4.2
Site #6 High Is. Ditch #2	3	2.5	-	-	-	5.3
Site #7A High Is. Cr. Abv. WWT	3.5	<1	-	-	-	4.7
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	3.6	1.7	<2	2.2	3	3.5
Site #9 Buffalo Cr. Nr. Henderson	2.5	3.7	<2	2.5	2.6	3.5
Site #10 High Is. Cr. Nr. Henderson	3	2.7	2	4.1	4.7	4.2

Site Identification	6/14/01	6/20/01	7/2/01
	S	B	B
Site #1 on CR 8/10	-	<2	-
Site #2 on CR 7	2	<2	1.9
Site #3 blw Baker's Lake	<2	<2	1.9
Site #4 High Island Lake	-	-	-
Site #5 High Is. Cr. @ CR 9	2	<2	2
Site #6 High Is. Ditch #2	-	<2	-
Site #7A High Is. Cr. Abv. WWT	-	<2	-
Site #7B on CR 66 Sportsman Club	-	-	-
Site #8 Buffalo Cr. On CR 17	<2	<2	2.1
Site #9 Buffalo Cr. Nr. Henderson	<2	<2	1.8
Site #10 High Is. Cr. Nr. Henderson	2	<2	2.1

B - Baseline
S - Storm Event
BOD units in mg/L.

BOD - The amount of oxygen required by aerobic microorganisms to decompose the organic matter in a sample of water
Minnesota River Mean = 5.3 mg/L

Due to high organic loading from sewage, manure, sediment w/high organics.
High Island has had a fairly low BOD levels in 2001.



