

High Island Watershed Assessment Project - Total Phosphorus

Site Identification	4/9/01	4/11/01	4/18/01	4/23/01	4/24/01	5/3/01
	S	S	B	S	S	B
Site #1 on CR 8/10	0.755	0.729	-	0.649	-	0.220
Site #2 on CR 7	0.657	0.526	0.381	0.611	0.480	0.240
Site #3 blw Baker's Lake	0.528	0.486	0.351	0.444	0.470	0.210
Site #4 High Island Lake	-	-	-	-	-	0.170
Site #5 High Is. Cr. @ CR 9	0.572	0.493	0.415	0.373	0.360	0.200
Site #6 High Is. Ditch #2	0.522	0.710	-	0.590	0.500	-
Site #7A High Is. Cr. Abv. WWT	0.551	0.510	-	0.439	0.380	-
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.513	0.560	0.202	0.720	0.540	0.130
Site #9 Buffalo Cr. Nr. Henderson	0.636	1.270	0.224	1.280	0.890	0.150
Site #10 High Is. Cr. Nr. Henderson	0.717	1.160	0.552	0.961	0.610	0.270

Site Identification	5/7/01	5/22/01	6/13/01	6/14/01	6/20/01	7/2/01
	B	S	S	S	B	B
Site #1 on CR 8/10	-	-	0.514	-	0.117	-
Site #2 on CR 7	0.190	0.084	0.524	0.304	0.089	0.074
Site #3 blw Baker's Lake	0.170	0.058	0.244	0.230	0.121	0.145
Site #4 High Island Lake	-	-	-	-	-	-
Site #5 High Is. Cr. @ CR 9	0.170	0.123	0.166	0.239	0.194	0.183
Site #6 High Is. Ditch #2	-	-	0.529	-	0.184	-
Site #7A High Is. Cr. Abv. WWT	-	-	0.259	-	0.185	-
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.040	0.034	0.067	0.221	0.083	0.204
Site #9 Buffalo Cr. Nr. Henderson	0.090	0.039	0.077	0.172	0.063	0.017
Site #10 High Is. Cr. Nr. Henderson	0.230	0.161	0.148	0.279	0.224	0.098

MN River Mean Total Phosphorus = .222

The primary sources of phosphorus include agricultural runoff, decaying plants and animals, and animal wastes

TP >.3 is considered extremely high.

B - Baseline

S - Storm Event

Total Phosphorus units in mg/l.