

High Island Watershed Assessment Project - Ortho-Phosphate and % Total

Site Identification	4/9/01		4/11/01		4/18/01	
	S		S		B	
Site #1 on CR 8/10	0.651	86%	0.534	73%	-	-
Site #2 on CR 7	0.554	84%	0.449	85%	0.309	81%
Site #3 blw Baker's Lake	0.527	100%	0.424	87%	0.307	87%
Site #4 High Island Lake	-	-	-	-	-	-
Site #5 High Is. Cr. @ CR 9	0.549	96%	0.430	87%	0.386	93%
Site #6 High Is. Ditch #2	0.566	100%	0.585	82%	-	-
Site #7A High Is. Cr. Abv. WWT	0.554	100%	0.437	86%	-	-
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.535	100%	0.496	89%	0.257	98%
Site #9 Buffalo Cr. Nr. Henderson	0.467	73%	0.417	33%	0.235	100%
Site #10 High Is. Cr. Nr. Henderson	0.447	62%	0.354	31%	0.344	62%

Site Identification	4/23/01		4/24/01		5/3/01	
	S		S		B	
Site #1 on CR 8/10	0.311	48%	-	-	0.235	100%
Site #2 on CR 7	0.331	54%	0.325	68%	0.174	73%
Site #3 blw Baker's Lake	0.311	70%	0.350	74%	0.164	78%
Site #4 High Island Lake	-	-	-	-	<.006	-
Site #5 High Is. Cr. @ CR 9	0.300	80%	0.280	78%	0.101	51%
Site #6 High Is. Ditch #2	0.448	76%	0.380	76%	-	-
Site #7A High Is. Cr. Abv. WWT	0.321	73%	0.300	79%	-	-
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.542	75%	0.440	81%	0.120	92%
Site #9 Buffalo Cr. Nr. Henderson	0.462	36%	0.410	46%	0.139	93%
Site #10 High Is. Cr. Nr. Henderson	0.333	35%	0.280	46%	0.117	43%

Site Identification	5/7/01		5/22/01		6/13/01	
	B		S		S	
Site #1 on CR 8/10	-	-	-	-	0.226	44%
Site #2 on CR 7	0.135	71%	0.063	75%	0.179	34%
Site #3 blw Baker's Lake	0.153	100%	0.035	60%	0.135	55%
Site #4 High Island Lake	-	-	-	-	-	-
Site #5 High Is. Cr. @ CR 9	0.066	39%	0.015	12%	0.089	54%
Site #6 High Is. Ditch #2	-	-	-	-	0.389	74%
Site #7A High Is. Cr. Abv. WWT	-	-	-	-	0.151	58%
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.028	70%	0.017	50%	0.044	66%
Site #9 Buffalo Cr. Nr. Henderson	0.072	80%	0.023	59%	0.052	68%
Site #10 High Is. Cr. Nr. Henderson	0.081	35%	0.015	9%	0.078	53%

Site Identification	6/14/01		6/20/01		7/2/01	
	S		B		B	
Site #1 on CR 8/10	-	-	0.056	48%	-	-
Site #2 on CR 7	0.274	90%	0.053	60%	0.033	45%
Site #3 blw Baker's Lake	0.205	89%	0.087	72%	0.098	68%
Site #4 High Island Lake	-	-	-	-	-	-
Site #5 High Is. Cr. @ CR 9	0.191	80%	0.125	64%	0.122	67%
Site #6 High Is. Ditch #2	-	-	0.146	79%	-	-
Site #7A High Is. Cr. Abv. WWT	-	-	0.134	72%	-	-
Site #7B on CR 66 Sportsman Club	-	-	-	-	-	-
Site #8 Buffalo Cr. On CR 17	0.195	88%	0.059	71%	0.204	79%
Site #9 Buffalo Cr. Nr. Henderson	0.130	76%	0.044	70%	0.017	39%
Site #10 High Is. Cr. Nr. Henderson	0.199	71%	0.146	65%	0.098	65%

B - Baseline
S - Storm Event
Ortho-Phosphate
units in mg/l.

Ortho-phosphorus >.100 mg/L and with 50% ortho/TP is considered high.
Ortho-phosphorus is considered the "gasoline" of Phosphorus. Ortho-phosphorus
is the portion of total phosphorus that is immediately available to algae.