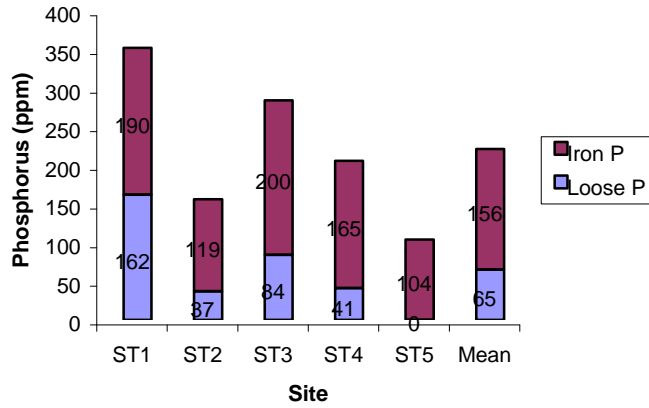
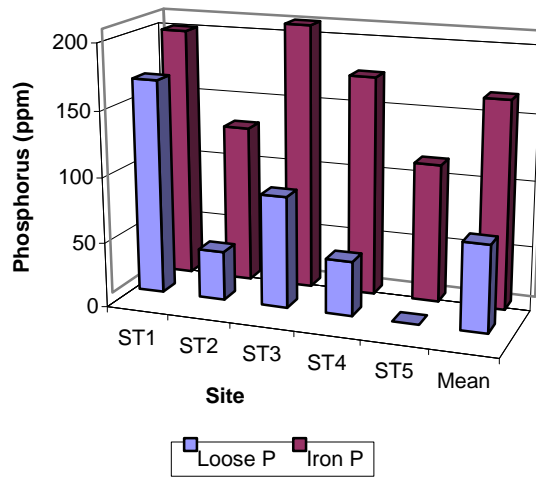


**Figure 3**  
**Stumpf Lake**  
**Sediment Phosphorus Dynamics**



**Figure 4**  
**Stumpf Lake**  
**Sediment Phosphorus Dynamics**



**Table 1**  
**Sediment Sampling Data**

Site	Surface pH	Sediment Interface D.O. (mg/l) <sup>1</sup>	Sediment Sample Depth (feet)	Sediment Phosphorus Fractionation			Total of Sediment Phosphorus (ppm)
				Loosely Sorbed (ppm)	Iron Bound (ppm)	Loose:Bound Ratio	
GE 1	8.8	8	11	305	394	1:1.3	699
GE 2	8.5	4.5	11	507	990	1:1.9	1497
GE 3	9.1	1	11	157	295	1:1.9	452
GE 4	9.2	1.5	9	358	1319	1:3.7	1677
GE 5	8.8	4.5	8.5	216	773	1:3.6	989
GE 6	8.8	8	7	190	1007	1:5.3	1197
Average	8.9			289	796	1:2.8	1085
ST 1	8.8	-	19	162	190	1:1.9	352
ST 2	- <sup>3</sup>	-	15	37	119	1:3.2	156
ST 3	8.7	-	13	84	200	1:2.8	284
ST 4	8.6	-	11	41	165	1:4	206
ST 5	8.5	-	12	n/d <sup>2</sup>	104	n/a	104
Average	8.7			65	156	1:2.4	220
Sag 1		-	29	43	56	1:1.3	99

NOTES:

<sup>1</sup>Dissolved Oxygen was not recorded for Stumpf and Sagatagan due to equipment failure

<sup>2</sup>n/d = phosphorus concentrations were below detectable levels

<sup>3</sup>pH reading was not recorded; field error

**Table 2**  
**East Gemini Depth/D.O. Profiles**

<b>Site</b>	<b>Depth</b>	<b>D.O. (mg/l)</b>	
<b>G1</b>	0	14+	
	2	14+	
	4	13.0	
	6	13.0	
	8	12.0	
	10	11.0	
	Bottom	11	8.0
<b>G2</b>	0	14+	
	2	12.5	
	4	11.5	
	6	12.0	
	8	10.5	
	10	11.5	
	Bottom	11	4.5
<b>G3</b>	0		
	2		
	4		
	6	12.5	
	8		
	10		
	Bottom	11	1.0
<b>G4</b>	0	14+	
	2	14+	
	4	14+	
	6	13.0	
	8	12.0	
	Bottom	9	1.5
	<b>G5</b>	0	14+
2			
4		14+	
6			
Bottom		8.5	4.5
<b>G6</b>	Bottom	7	8.0

NOTE: Due to equipment failure,  
some site profiles have only partial data