

Table 3. Long Term Resource Monitoring Program water quality monitoring design changes from 1993 to 2006 (modified from Jim Fischer, WI-DNR, 2005)

General Changes																																					
Summary of changes from 1993- 2006:																																					
1993-1999						January 2000-September 2002						October 2002-March 2003				April-December 2003					January-March 2004					April-September 2004					October 2004-September 2006						
Full 1993 design sampling						Due to budget restraints, reduced overall effort by 25-35%. Frequency of FSS reduced to every four weeks at trib sites. Reduced SRS chemistry samples from 1/2 to 1/3 of sites.						No sampling due to budget constraints				FSS resumed at reduced levels: minimal parameters, sites, and frequency (every four weeks at MC and trib sites only, no dissolved constituents).					SRS resumed, but FSS remained at reduced effort and reduced parameters					Returned to 2000-02 level of sampling, but metals not resumed. SRS chems and trib frequency still at reduced (2000) level.					Cut overall effort by another ~40% from the 2000 level. FSS reduced to include only major tribs, MC and select BWC at reduced frequency. Metals not restored. SRS sampling remained as in 2004.						
Specific Changes																																					
Field station																																					
1993-1999						January 2000-September 2002						October 2002-March 2003				April-December 2003					January-March 2004					April-September 2004					October 2004-September 2006						
No. of in-pool sites	19	6	10-13	12-13	5-6	7	18	11	13	13	7	7	no sampling	16	6	3	13	7	5	16	6	3	7	0	5	18	11	11	14	7	7	11	9	7	7	7	6
Frequency in-pool sites	2 weeks						4 weeks transect, 2 weeks others						no sampling				4 weeks					4 weeks					2 weeks					2 weeks March-May, monthly June-Nov and Jan. (no Dec. or Feb. sample)					
No. of trib sites	5	5-7	5-13	7	2	6	6	7	13	7	2	6	no sampling	6	7	7	7	2	6	6	7	7	7	0	6	6	7	13	7	2	6	3	4	4	4	2	5
Frequency trib sites	2 weeks						Reduced to 4 weeks						no sampling				4 weeks					4 weeks					4 weeks					2 weeks March-May, monthly June-Nov and Jan. (no Dec. or Feb. sample)					
FSS parameters	in-situ, TN, TP, DIN, SRP, Metals, TSS, Chl, Phyt,						no change						no sampling				in-situ, TN, TP, Chl, TSS (no DIN, SRP, Metals, phyt)					in-situ, TN, TP, Chl, TSS (no DIN, SRP, Metals, phyt)					All except metals					All except metals					
No. of SRS sites	135	150	150	121	150	135	same as 1993-1999						no sampling				no sampling					same as 1993-1999					same as 1993-1999					same as 1993-1999					
Frequency SRS	Quarterly						Quarterly						no sampling				no sampling					Quarterly					Quarterly					Quarterly					
SRS parameters	in-situ, TN, TP, DIN, SRP, TSS, Chl, Phyt,						Reduced chem samples from 1/2 to 1/3 of sites						no sampling				no sampling					Same as Jan. 2000					Same as Jan. 2000					Same as Jan. 2000					