

Total Phosphorus Monitoring in the Upper Sugar River Watershed

Site	Municipality	2015 Total Phosphorus Data (mg/L)						2016 Total Phosphorus Data (mg/L)					
		May	June	July	August	Sept	October	May	June	July	August	Sept	October
Badger Mill Creek upstream of Highway 69	Town of Verona	0.173	0.334	0.284	0.236	0.275	0.176						
Badger Mill Creek @ Lincoln St Channel Upstream	City of Verona							0.147	*0.234	0.234	0.178	0.19	0.203
Badger Mill Creek @ Lincoln St Channel Downstream	City of Verona							0.144	*0.22	0.234	0.176	0.187	0.216
Flynn Creek at CTH A	Town of Primrose	0.0692	0.0459	0.039	0.0449	0.0626	0.0547						
Fryes Feeder upstream of Highway 92	Town of Springdale	0.087	0.0501	0.0559	0.0495	0.0398	0.0361						
Milum Creek at Fritz Rd	Town of Montrose	0.102	0.0986	0.0939	0.0791	0.0863	0.0629						
Mount Vernon Creek @ CTH A	Town of Primrose							0.0382	*0.0693	0.15	0.101	0.0488	0.0685
Primrose Branch at CTH U	Town of Primrose	0.157	0.0846	0.0462	0.0595	0.0509	0.0528						
Schlapbach Creek @ Klevenville Riley Rd	Town of Springdale							0.0279	*0.0622	0.0503	0.0793	0.0619	0.0789
Sugar River at Frenchtown Rd	Town of Montrose	0.109	0.181	0.0857	0.144	0.0492	0.061						
Sugar River @ CTH J	Town of Springdale							0.0489	*0.0784	0.0518	0.137	0.0628	0.0737
Sugar River upstream of CTH P	Town of Cross Plains	0.0748	0.0848	0.0593	0.0114	*1.46	0.115						
Trib to Sugar River at White Crossing Rd	Town of Verona	0.103	0.0691	0.0598	0.168	*0.469	0.0718						
West Branch Sugar River at Docken Rd	Village of Mt. Horeb	0.112	0.1	0.11	0.123	*0.156	0.181						
West Branch Sugar River at CTH U	Town of Primrose	0.234	0.151	0.111	0.141	0.107	0.0863						

Sites to be Monitored in 2017

- Sugar River @ Valley Rd (Town of Verona)
- Sugar River @ Riverside Rd (Town of Verona)
- Sugar River @ Bobcat Ln (Town of Verona)
- Deer Creek @ Sutter Dr (Town of Springdale)
- West Branch Sugar River @ Lewis Rd (Town of Springdale)
- Schlapbach Creek off N Brookwood Dr (Village of Mt Horeb)

* = Significant rain event prior and during data collection

Bold = Data collected exceeds the 0.075 mg/L total phosphorus standard set by WI DNR

Bold in Orange = Data collected is at least **2x** the 0.075 mg/L total phosphorus standard

Bold in Red = Data collected is at least **3x** the 0.075 mg/L total phosphorus standard