

2011 Dane County Cooperative Water Resources Monitoring Program Draft

Data Collection Site	USGS	Dane County	DNR/Dane County	Westport	Madison	Middleton	Total
1. Spring Harbor Storm Sewer							
- Streamflow (continuous)	2,665				3,514		6,179
- Suspended sediment loads based on 150 samples	5,053				6,439		11,492
Subtotal	7,718				9,953		17,671
2. Pheasant Branch at USH 12, Middleton							
- Streamflow (continuous)	4,585					5,796	10,381
- Suspended sediment loads based on 150 samples	5,368					6,663	12,031
- Total phosphorus sampling and loads based on 100 samples and dissolved orthophosphorus based on 20 samples	2,175		2,729				4,904
- Phosphorus laboratory analyses (State Lab)			---- ¹				---- ¹
Subtotal	12,128		2,729			12,459	27,316
3. Yahara River at Windsor							
- Streamflow (continuous)	4,585		5,796				10,381
- Suspended sediment and total phosphorus sampling and loads based on 100 samples and dissolved orthophosphorus based on 20 samples	5,629		7,118				12,747
- Phosphorus laboratory analyses (State Lab)			---- ¹				---- ¹
Subtotal	10,214		12,914				23,128
4. Yahara River at SH 113, Madison							
- Streamflow (AVM, continuous)	2,620		1,750 ³	1,860			6,230 ³
- Total phosphorus and suspended sediment sampling and loads based on 80 samples and dissolved orthophosphorus based on 15 samples	2,620		1,750 ³	1,860			6,230 ³
- Phosphorus laboratory analyses (State Lab)			---- ¹				---- ¹
Subtotal	5,240		3,500	3,720			12,460
5. Baseflow Sampling (4 Sites)							
- Dissolved oxygen, E. coli, pH, specific conductance, suspended sediment, temperature, and nutrients	4,266	6,399					10,665
Subtotal	4,266	6,399					10,665
6. Lake Level Gages							
- Lakes Mendota, Monona, Kegonsa, and Waubesa	8000	11000					19000
Subtotal	8,000	11,000					19,000
7. Streamflow Gages							
- Yahara River at Madison, McFarland, and Stoughton; and Black Earth Creek at Black Earth	21,300	33,400					54,700
Subtotal	21,300	33,400					54,700
Grand Total	68,866	50,799	19,143²	3,720	9,953	12,459	164,940

¹ In-kind phosphorus lab analyses service performed by the State Lab of Hygiene through separate agreement between SLOH and DNR.

² Dane County share. DNR share through separate agreement between USGS and DNR, plus phosphorus lab analyses estimated = \$7,138

³ Does not include funding for streamflow, sampling and loads (\$19,760) provided through separate agreement between USGS and DNR for DNR share of Yahara R. at SH113.