

2012 Dane County Cooperative Water Resources Monitoring Program

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 sampling and loads based on 150 samples (USGS KY Lab)	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 sampling and loads based on 55 samples (USGS KY Lab)	5,368					6,663	12,031
- Total P sampling and loads based on 55 samples and dissolved ortho-P based on 15 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, total P, nitrate plus nitrite, ammonium, and total Kjeldahl nitrogen sampling and loads based on 55 samples and dissolved ortho-P based on 15 samples	5,629		7,118				12,747
- Phosphorus and nitrogen 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 P and suspended sediment (USGS KY Lab) sampling and loads based on 55 samples and dissolved ortho-P 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, and temperature. Analysis of suspended sediment and nutrients at USGS NWQL	4,266	6,399					10,665
Subtotal	4,266	6,399					10,665
6. Lake Level Gages							
- Lakes Mendota, Monona, Kegonsa, and Waubesa	8,000	11,000					19,000
Subtotal	8,000	11,000					19,000
7. Streamflow Gages							
- Yahara River at Madison, McFarland, and Stoughton; 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 nutrient lab analyses estimated = \$7,820

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.