

2014 Dane County Cooperative Water Resources Monitoring Program

Data Collection Site	USGS	Dane County	DNR	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), continuous conductivity/chloride loads (MMSD analyzes chloride samples)	5,053				14,439		19,492
Subtotal	7,718				17,953		25,671
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, nitrate plus nitrite, ammonium, and total Kjeldahl nitrogen sampling and loads based on 55 samples; and dissolved ortho-P sampling based on 20 samples	2,175	2,729					4,904
- Phosphorus and nitrogen lab analyses (State Lab)			----	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 sampling based on 20 samples	5,629	7,118					12,747
- Phosphorus and nitrogen lab analyses (State Lab)			----	1			----
Subtotal	10,214	12,914					23,128
4. Yahara River at SH 113, Madison							
- Streamflow (AVM, continuous)	2,620	1,750	----	2	1,860		6,230
- Total P and suspended sediment (USGS KY Lab) sampling and loads based on 55 samples and dissolved ortho-P based on 20 samples	2,620	1,750	----	2	1,860		6,230
- Phosphorus lab analyses (State Lab)			----	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, phosphorus, and nitrogen 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	69,942			3,720	17,953	12,459
							172,940

¹ Phosphorus and nitrogen lab analyses service performed by the State Lab of Hygiene through separate agreement between SLOH and DNR for Pheasant Branch and Windsor gages (\$12,710) and Yahara River at SH 113 (\$1,631).

² 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.