

**5-year breakdown of budget by entity, 2021-2025**

	<u>USGS</u>	<u>Dane Co</u>	<u>Westport</u>	<u>Madison</u>	<u>Middleton</u>
Year 1 (2021)	\$ 77,403	\$ 81,615	\$ 4,182	\$ 19,992	\$ 13,974
Year 2 (2022)	\$ 78,456	\$ 82,480	\$ 4,264	\$ 20,384	\$ 14,248
Year 3 (2023)	\$ 79,509	\$ 83,345	\$ 4,346	\$ 20,776	\$ 14,522
Year 4 (2024)	\$ 80,562	\$ 84,210	\$ 4,428	\$ 21,168	\$ 14,796
Year 5 (2025)	<u>\$ 81,615</u>	<u>\$ 85,075</u>	<u>\$ 4,510</u>	<u>\$ 21,560</u>	<u>\$ 15,070</u>
<b>5-Year Total</b>	<b>\$ 397,545</b>	<b>\$ 416,725</b>	<b>\$ 21,730</b>	<b>\$ 103,880</b>	<b>\$ 72,610</b>

## 2021-2025 Dane County Cooperative Water Resources Monitoring Program

Data Collection Site	USGS	Dane County	DNR	Westport	Madison	Middleton	Total
<b>1. Spring Harbor Storm Sewer</b>							
- Streamflow (continuous), precipitation	13,250				21,200		34,450
- Suspended sediment sampling (USGS KY Lab) and loads based on 150 samples; continuous conductivity/chloride loads (MMSD analyzes 10-15 chloride calibration samples); Total P, TSS, TKN sampling (MMSD lab) and loads based on 150 samples	29,680				82,680		112,360
<b>Subtotal</b>	<b>42,930</b>				<b>103,880</b>		<b>146,810</b>
<b>2. Pheasant Branch at USH 12, Middleton</b>							
- Streamflow (continuous), precipitation	32,860					34,980	67,840
- Suspended sediment sampling (USGS KY Lab) and loads based on 100 samples	30,740					37,630	68,370
- Total P and dissolved ortho-P sampling (State Lab) based on 100 samples	12,720	15,900					28,620
- Phosphorus lab analyses (State Lab)			---- <sup>1</sup>				----
<b>Subtotal</b>	<b>76,320</b>	<b>15,900</b>				<b>72,610</b>	<b>164,830</b>
<b>3. Yahara River at Windsor</b>							
- Streamflow (continuous), precipitation	32,860	34,980					67,840
- Suspended sediment (USGS KY Lab), total P, dissolved ortho-P, nitrate plus nitrite, ammonium, and total Kjeldahl nitrogen sampling (State Lab) and loads based on 100 samples	39,750	58,300					98,050
- Phosphorus and nitrogen lab analyses (State Lab)			---- <sup>1</sup>				----
<b>Subtotal</b>	<b>72,610</b>	<b>93,280</b>					<b>165,890</b>
<b>4. Yahara River at SH 113, Madison</b>							
- Streamflow (AVM, continuous)	15,370	10,070	---- <sup>2</sup>	10,865			36,305
- Suspended sediment (USGS KY Lab), Total P, dissolved ortho-P (State Lab) sampling and loads based on 50 samples	15,370	10,070	---- <sup>2</sup>	10,865			36,305
- Phosphorus lab analyses (State Lab)			---- <sup>1</sup>				----
<b>Subtotal</b>	<b>30,740</b>	<b>20,140</b>		<b>21,730</b>			<b>72,610</b>
<b>5. Baseflow Sampling (4 Sites)</b>							
- Streamflow, dissolved oxygen, E. Coli, pH, specific conductance, and temperature. Analysis of suspended sediment, phosphorus, nitrogen species, etc. at USGS NWQL	23,500	35,000					58,500
<b>Subtotal</b>	<b>23,500</b>	<b>35,000</b>					<b>58,500</b>
<b>6. Lake Level Gages</b>							
- Lakes Mendota, Monona, Kegonsa, and Waubesa	41,750	58,250					100,000
<b>Subtotal</b>	<b>41,750</b>	<b>58,250</b>					<b>100,000</b>
<b>7. Streamflow Gages</b>							
- Yahara River at Madison, McFarland, and Stoughton; Black Earth Creek at Black Earth	109,695	194,155					303,850
<b>Subtotal</b>	<b>109,695</b>	<b>194,155</b>					<b>303,850</b>
<b>Grand Total</b>	<b>397,545</b>	<b>416,725</b>		<b>21,730</b>	<b>103,880</b>	<b>72,610</b>	<b>1,012,490</b>

<sup>1</sup> Phosphorus and nitrogen lab analyses service performed by the State Lab of Hygiene through separate agreement between SLOH and DNR for Pheasant Branch, Windsor, and Yahara River at SH 113 gages.

<sup>2</sup> Does not include funding for streamflow, sampling and loads (\$22,000 provided through separate agreement between USGS and DNR for DNR share of Yahara R. at SH113. USGS obligation is \$8,800, DNR is 13,200.