

# Dane County Urban Water Quality Grant

## *2023 Annual Report*



Dane County Land & Water Resources  
*May 25, 2023*

## **Cover Photograph**

***Lincoln Street Stormwater Facility - City of Verona***

Credit: Theresa Nelson, Dane County

## **Program Summary**

Since 2005, Dane County has made funds available to municipalities for this cost-sharing program to improve the quality of urban stormwater runoff entering Dane County lakes, rivers and streams. In addition to improving water quality the program intends to increase public awareness of urban water quality issues and provide public education about urban stormwater quality through demonstration of improvement practices. Project goals are achieved through the construction of best management practices that provide cost-effective treatment of urban runoff.

Projects that treat urban runoff are generally eligible for cost-sharing up to 50% of the total cost of design and construction (with caps ranging from \$50,000 to \$500,000 through the years). To be considered for funding, practices must be scheduled to be constructed and fully functional within two years of the grant award. The full set of criteria is addressed in the project eligibility and selection criteria section.

The county's Urban Water Quality Grants have helped fund projects totaling more than \$16.7 million that are expected to remove more than 894,000 pounds of sediment and more than 1,800 pounds of phosphorus annually. A project summary table of efforts to date are included in Appendix 1.

## **Project Eligibility and Selection Criteria**

### ***Eligibility***

Projects must meet a defined set of eligibility requirements to be considered for funding. The requirements may vary year to year and are announced annually. As of 2022, projects must meet the following requirements:

- Constructed and fully functional within 2 years of grant being awarded.
- Designed to improve the quality or reduce the volume of stormwater runoff from a developed drainage areas that are not treated to current regulatory standards.
- Treat urban runoff draining to a lake, river, or stream.

Municipalities with projects that meet the minimum eligibility requirements can submit grant applications at any time. Applications are available on the Land and Water Resources Department web site at <https://lwrd.countyofdane.com/grants-and-costshare/uwqg>.

## ***Selection Criteria***

Completed applications are evaluated by staff in the order they are received with respect to the following scoring criteria:

- *Practice Performance [40%]*
  - Annual sediment and/or phosphorus delivery
  - Sediment and/or phosphorus removal efficiency
  - Stormwater Runoff Volume Reduction
  - Contributing watershed area
  
- *Cost [30%]*
  - Total cost
  - Cost-Benefit ratio (assistance-efficiency)
  - Percent local match
  
- *Demonstration Value [10%]*
  - Location, public visibility
  - Public accessibility
  - Educational value
  
- *Maintenance [20%]*
  - Monitoring plan
  - Schedule
  - Cost

Projects that meet minimum eligibility requirements and adequately address the scoring criteria as determined by Water Resource Engineering staff are considered by the County Board for funding. Upon approval of the County Board, municipalities are awarded grants. To receive funds, municipalities must enter into a grant agreement, complete the project, and provide as-built certification.

A map of all projects that have been awarded grants is included in Appendix 1.

## **Program Benefits**

### ***Water Quality Improvements***

Projects funded through this grant program trap sediment that would otherwise end up in rivers and lakes. Projects also trap phosphorus that contributes to excessive algae growth. One pound of phosphorus removed from the county's watersheds prevents 500 pounds of algae growth in area lakes.

On average, projects funded through this program trap over 894,000 pounds of sediment each year for the life of the practice.

A comprehensive summary of water quality benefits is provided in Appendix 2.

### ***Ecosystem Services***

In addition to trapping sediment, phosphorus, litter, and other debris that pollute local waterways, stormwater management practices provide important ecosystem services. Stormwater detention basins provide habitat for pollinators with native vegetation. Stormwater infiltration basins also reduce the volume of stormwater runoff that can contribute to stream and lake flooding. Finally stormwater management facilities provide an opportunity to educate the surrounding community about stormwater runoff and its impacts when not adequately managed.

### **Looking Forward**

Retrofitting stormwater practices in developed urban areas is complex. Simply identifying locations with adequate space is a challenge. Working around existing utilities, public infrastructure and natural resources introduces design and construction challenges not encountered in new development. Most importantly, retrofit practices must be understood and valued by the established communities where they will be constructed and maintained.

The Land and Water Resources Department believes the Urban Water Quality Grant Program has been successful in achieving its stated goals, however there are always opportunities to improve.

Volume control, or reduction in runoff volume, is now considered along with water quality. Previously, projects that targeted volume reductions only were not eligible. This change recognizes cumulative benefits of reducing stormwater volumes.

A continuous application period has been instituted. Accepting applications throughout the year helps reduce uncertainty associated with the timing of an application period and municipal budgeting.

Cost sharing is no longer dependent on outfall designation. All projects are eligible for 50% cost share up to \$500,000. Large scale, quality projects have an opportunity for significant funding, regardless of location.

An open application and a uniform cost-sharing formula, regardless of outfall designation, prioritizes performance over location and timing.

## **Appendix**

1. Urban Water Quality Grant Projects Map and Index
2. Project Summary 2015-2023

## **Appendix 1**

### Urban Water Quality Grant Projects Map and Index

# Map Index

Map Id	Fund Year	Project Name	Grantee	Construction Status
1	2005	Pheasant Branch Sediment Basin	City of Middleton	Completed
2	2006	Parr Street Proprietary Device	City of Madison	Completed
3	2006	Bioretention Basin Near Kipp Corporation	City of Madison	Completed
4	2006	Lake Edge Sediment Basin	City of Monona	Completed
5	2006	Farwell Street Sediment Basin	Village of McFarland	Completed
6	2007	Acewood Pond Proprietary Device	City of Madison	Completed
7	2007	Erin Street Proprietary Device	City of Madison	Completed
8	2007	Dunn's Marsh Sediment Basin	City of Madison	Completed
9	2007	Linnerud Drive Inlet Filter Installation	City of Sun Prairie	Completed
10	2008	Nesbitt Road Sediment Basin	City of Fitchburg	Completed
11	2008	Eton Ridge Raingardens	City of Madison	Completed
12	2008	Commerce Park Sediment Basin 1	Village of McFarland	Completed
13	2008	Commerce Park Sediment Basin 2	Village of McFarland	Completed
14	2008	Marsh/Siggelkow Rd Sediment Basin	Village of McFarland	Completed
15	2008	Circle Close Bioretention Basin	Village of Shorewood Hills	Completed
16	2008	Harvard Drive Bioretention Basin	Village of Shorewood Hills	Canceled
17	2008	Topping Road Bioretention Basin	Village of Shorewood Hills	Completed
18	2008	Shorewood Boulevard Bioretention Basin	Village of Shorewood Hills	Completed
19	2009	Lake Mendota Drive Raingarden	City of Madison	Completed
20	2009	Lakeview Park Sediment Basin	City of Middleton	Completed
21	2009	Westwynde Outlot 1 Basin Retrofit	City of Sun Prairie	Completed
22	2009	Cherrywood Acres Basin	Town of Middleton	Canceled
23	2009	Sauk Point Estates Basin	Town of Middleton	Completed
24	2009	Western Green Park Bioretention Basins	Village of DeForest	Completed
25	2009	Tennis Court Wet Detention Basin	Village of Maple Bluff	Completed
26	2009	Schlapbach Creek Regional Basin	Village of Mount Horeb	Canceled
27	2011	Apache Drive Wet Pond	City of Fitchburg	Completed
28	2011	Indian Hills Park Bioretention	City of Madison	Completed
29	2011	Spring Harbor Bioretention	City of Madison	Completed
30	2011	Charlotte's Walk Pond	Town of Burke	Completed
31	2011	Osborn Drive Detention Basin	Village of McFarland	Completed
32	2011	Valley Drive Detention Basin	Village of McFarland	Canceled
33	2012	Lake Edge Basin Repair	City of Madison	Completed
34	2012	Cherokee Park Ponds	City of Madison	Completed
35	2012	UW-Arboretum Pond 3	City of Madison	Completed
36	2012	McCoy Road Stormwater Basin	City of Sun Prairie	Completed
37	2012	Curtis Pond	Town of Madison	Canceled
38	2012	Coyote Pond	Town of Madison	Canceled
39	2012	Twin Valley Road Stormwater Improvement	Town of Middleton	Canceled
40	2012	Valley Drive Detention Basin 2	Village of McFarland	Completed
41	2012	Blackhawk Bioretention Basin	Village of Shorewood Hills	Completed
42	2012	Railroad Ditch Basin	Village of Shorewood Hills	Completed
43	2013	Red Arrow Wet Pond	City of Fitchburg	Completed
44	2013	Pine Ridge Bioretention	City of Fitchburg	Completed
45	2013	Willow Creek Outfall	City of Madison	Completed
46	2013	Starkweather Creek Phosphorus Treatment	City of Madison	Canceled
47	2013	Parmenter Street Stormwater Basin	City of Middleton	Completed
48	2013	Cove Stormwater Treatment Structure	City of Monona	Completed
49	2013	Firemen's Park Wet Detention Basin	City of Monona	Completed
50	2014	Orchid Heights	City of Middleton	Completed
51	2014	Schluter Beach	City of Monona	Completed
52	2014	Downtown Square Stormwater Improvements	Village of DeForest	Completed
53	2015	Lacy Heights Bioretention	City of Fitchburg	Completed
54	2015	McKee Farms Pond Improvement	City of Fitchburg	Completed



## Map Index

55	2015	Cherokee Pond at Wheeler Road & Bonner Lane	City of Madison	Completed
56	2015	Graham Park, Pirate Island, Winnequah Park	City of Monona	Completed
57	2015	Liberty Square Stormwater Facility Improvements	City of Sun Prairie	Completed
58	2016	Byrne Pond Bioretention	City of Fitchburg	Canceled
59	2016	Manitou Pond Pretreatment	City of Madison	Canceled
60	2016	Hickory Woods Basin	Town of Middleton	Completed
61	2017	East Towne Pond Reconstruction	City of Madison	Pending
62	2017	Jacobson - Furey Pond	City of Madison	Completed
63	2017	Nautilus Pond Retrofit	City of Madison	Completed
64	2017	Rimrock Greenway Wet Pond Conversion	City of Madison	Canceled
65	2017	Sauk Creek Greenway Iron Enhanced Biofilter Conversion	City of Madison	Pending
66	2017	Wingra Park Screen Structure	City of Madison	Completed
67	2017	Prairie Home Estates - Stormwater Management Facility	Town of Middleton	Completed
68	2018	Ultra Low Dose Alum Pilot	City of Madison	Pending
69	2018	Industrial Park Bioswale Wet Basin Conversion	City of Stoughton	Completed
70	2018	Northwest Koshkonong Creek Regional Basin	City of Sun Prairie	Pending
71	2018	American Way Pond	City of Verona	Completed
72	2018	Bruce St Stormwater Pond Retrofit	City of Verona	Completed
73	2018	Stonebrook Estates Stormwater Facilities	Town of Middleton	Completed
74	2018	Oregon Ice Arena Stormwater Facility Rehabilitation	Village of Oregon	Completed
75	2018	Edgehill Bioretention	Village of Shorewood Hills	Completed
76	2019	Donna Drive Basin Expansion	City of Middleton	Completed
77	2020	Byrne Pond Retrofit	City of Fitchburg	Completed
78	2020	Seminole Village Pond Expansion	City of Fitchburg	Under construction
79	2020	Underground Wet Pond at Stone Bridge Park	City of Monona	Completed
80	2020	Lincoln St Stormwater Facility	City of Verona	Completed
81	2021	Bayview Community Center	City of Madison	Under construction
82	2022	Dudgeon Park Bioretention	City of Madison	Under construction

## **Appendix 2**

Project Summary 2015-2023

# Dane County Urban Water Quality Grant Project Summary 2005 - 2022

	Total Cost	Cost Share Grant Awarded	Actual Cost Share Distributed	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
<b>64 Completed Projects</b>	<b>\$16,765,359</b>	<b>\$6,311,805</b>	<b>\$6,073,332</b>	<b>894,035</b>	<b>1,857</b>
<b>3 Under Construction</b>	<b>\$1,058,036</b>	<b>\$529,018</b>		<b>3,787</b>	<b>7</b>
<b>4 Pending Projects</b>	<b>\$4,040,000</b>	<b>\$825,000</b>		<b>200,665</b>	<b>529</b>
<b>71 Total</b>	<b>\$21,863,395</b>	<b>\$7,665,823</b>	<b>\$6,073,332</b>	<b>1,098,487</b>	<b>2,393</b>

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
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## Completed Projects by Year (64)

2005	Pheasant Branch Sediment Basin	City of Middleton	Lake Mendota	\$15,462	\$10,497	\$7,731	20%	557	1
2005	Total			\$15,462	\$10,497	\$7,731		557	1
2006	Bioretention Basin Near Kipp Corporation	City of Madison	Starkweather Creek/Lake Monona	\$18,620	\$15,414	\$9,310	80%	300	0
2006	Parr Street Proprietary Device	City of Madison	Lake Monona	\$57,850	\$28,925	\$28,925	20%	1,090	1

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2006	Lake Edge Sediment Basin	City of Monona	Lake Monona	\$70,000	\$35,000	\$35,000	39%	31,775	37
2006	Farwell Street Sediment Basin	Village of McFarland	Lake Waubesa	\$94,780	\$35,000	\$35,000	40%	44,000	51
2006	Total			\$241,250	\$114,339	\$108,235		77,165	89
2007	Linnerud Drive Inlet Filter Installation	City of Sun Prairie	Koshkonong Creek	\$8,500	\$4,000	\$4,000	20%	990	1
2007	Acewood Pond Proprietary Device	City of Madison	Acewood Pond	\$39,250	\$19,625	\$19,625	20%	1,480	2
2007	Erin Street Proprietary Device	City of Madison	Lake Monona	\$60,150	\$30,075	\$30,075	20%	240	0
2007	Dunn's Marsh Sediment Basin	City of Madison	Dunn's Marsh	\$199,074	\$35,000	\$35,000	48%	12,240	14
2007	Total			\$306,974	\$88,700	\$88,700		14,950	17
2008	Circle Close Bioretention Basin	Village of Shorewood Hills	Lake Mendota	\$11,058	\$6,080	\$5,529	81%	354	0
2008	Topping Road Bioretention Basin	Village of Shorewood Hills	Lake Mendota	\$14,046	\$7,305	\$7,023	69%	226	0
2008	Shorewood Boulevard Bioretention Basin	Village of Shorewood Hills	Lake Mendota	\$20,092	\$9,445	\$10,046	36%	990	1
2008	Nesbitt Road Sediment Basin	City of Fitchburg	Goose Lake/Badger Mill Creek	\$28,490	\$15,625	\$14,245	80%	40,000	46
2008	Eton Ridge Raingardens	City of Madison	Lake Wingra	\$48,800	\$24,400	\$24,400	23%	7,870	9

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Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2008	Commerce Park Sediment Basin 1	Village of McFarland	Lake Waubesa	\$77,000	\$35,000	\$35,000	80%	32,000	37
2008	Commerce Park Sediment Basin 2	Village of McFarland	Lake Waubesa	\$104,000	\$35,000	\$35,000	80%	5,600	6
2008	Marsh/Siggelkow Rd Sediment Basin	Village of McFarland	Lake Waubesa	\$110,000	\$35,000	\$35,000	70%	5,400	6
2008	Total			\$413,486	\$167,855	\$166,243		92,440	105
2009	Lake Mendota Drive Raingarden	City of Madison	Lake Mendota	\$11,574	\$6,000	\$5,787	27%	1,943	2
2009	Westwynde Outlot 1 Basin Retrofit	City of Sun Prairie	Token Creek	\$82,071	\$50,000	\$41,036	44%	9,371	11
2009	Western Green Park Bioretention Basins	Village of DeForest	Yahara River	\$93,301	\$50,000	\$46,650	73%	8,800	10
2009	Sauk Point Estates Basin	Town of Middleton	Badger Mill Creek	\$102,800	\$50,000	\$50,000	68%	23,180	27
2009	Lakeview Park Sediment Basin	City of Middleton	Lake Mendota	\$189,559	\$50,000	\$50,000	70%	24,820	29
2009	Tennis Court Wet Detention Basin	Village of Maple Bluff	Lake Mendota	\$390,840	\$50,000	\$50,000	90%	9,840	11
2009	Total			\$870,145	\$256,000	\$243,473		77,954	90
2011	Spring Harbor Bioretention	City of Madison	Lake Mendota	\$43,080	\$21,540	\$21,540	34%	2,048	2
2011	Indian Hills Park Bioretention	City of Madison	Lake Mendota	\$43,980	\$21,990	\$21,990	40%	2,372	3

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2011	Charlotte's Walk Pond	Town of Burke	Token Creek	\$128,753	\$50,000	\$50,000	91%	7,805	9
2011	Osborn Drive Detention Basin	Village of McFarland	Lake Waubesa	\$143,000	\$50,000	\$50,000	60%	31,422	36
2011	Apache Drive Wet Pond	City of Fitchburg	Nine Springs Creek	\$213,000	\$50,000	\$50,000	68%	5,627	6
2011	Total			\$571,813	\$193,530	\$193,530		49,274	56
2012	Lake Edge Basin Repair	City of Madison	Lake Monona	\$79,069	\$32,904	\$39,534	0%	0	0
2012	Blackhawk Bioretention Basin	Village of Shorewood Hills	Lake Mendota	\$89,940	\$44,969	\$44,969	100%	860	0
2012	Railroad Ditch Basin	Village of Shorewood	Lake Mendota	\$106,400	\$21,990	\$53,200	40%	14,940	19
2012	Valley Drive Detention Basin 2	Village of McFarland	Lake Waubesa	\$169,400	\$84,700	\$84,700	60%	23,000	62
2012	Cherokee Park Ponds	City of Madison	Yahara River (Lake Mendota)	\$700,000	\$100,000	\$100,000	72%	47,288	158
2012	McCoy Road Stormwater Basin	City of Sun Prairie	Koshkonong Creek	\$775,601	\$100,000	\$100,000	82%	8,000	16
2012	UW-Arboretum Pond 3	City of Madison	Wingra Creek (Lake Monona)	\$1,400,000	\$100,000	\$100,000	67%	33,536	120
2012	Total			\$3,320,410	\$484,563	\$522,403		127,624	375
2013	Pine Ridge Bioretention	City of Fitchburg	Nine Springs Creek	\$25,515	\$10,500	\$10,500	77%	1,215	3

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Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2013	Red Arrow Wet Pond	City of Fitchburg	Dunn's Marsh	\$67,487	\$25,525	\$25,525	41%	4,230	11
2013	Cove Stormwater Treatment Structure	City of Monona	Lake Monona	\$152,156	\$130,799	\$114,117	78%	4,847	6
2013	Firemen's Park Wet Detention Basin	City of Monona	Lake Monona	\$161,816	\$70,694	\$70,694	56%	3,778	4
2013	Parmenter Street Stormwater Basin	City of Middleton	Lake Mendota	\$355,000	\$266,250	\$266,250	66%	13,824	38
2013	Willow Creek Outfall	City of Madison	Lake Mendota	\$1,214,470	\$750,000	\$750,000	24%	63,442	45
2013	Total			\$1,976,443	\$1,253,768	\$1,237,086		91,336	107
2014	Orchid Heights	City of Middleton	Lake Mendota	\$167,459	\$229,337	\$125,594	80%	32,473	96
2014	Downtown Square Stormwater Improvements	Village of DeForest	Yahara River	\$383,782	\$100,000	\$100,000	80%	22,502	35
2014	Schluter Beach	City of Monona	Lake Monona	\$401,316	\$271,267	\$247,028	14%	1,888	2
2014	Total			\$952,557	\$600,604	\$472,622		56,863	133
2015	Lacy Heights Bioretention	City of Fitchburg		\$93,729	\$34,145	\$34,145	92%	5,836	25
2015	McKee Farms Pond Improvement	City of Fitchburg		\$214,131	\$100,000	\$100,000	46%	32,704	104
2015	Liberty Square Stormwater Facility Improvements	City of Sun Prairie		\$309,266	\$50,000	\$50,000	85%	19,899	48

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2015	Cherokee Pond at Wheeler Road & Bonner Lane	City of Madison		\$596,940	\$100,000	\$100,000	56%	17,912	53
2015	Graham Park, Pirate Island, Winnequah Park	City of Monona		\$675,504	\$317,400	\$317,400	10%	7,055	18
2015	Total			\$1,889,569	\$601,545	\$601,545		83,406	248
2016	Hickory Woods Basin	Town of Middleton		\$175,039	\$231,750	\$131,280	86%	10,804	42
2016	Total			\$175,039	\$231,750	\$131,280		10,804	42
2017	Wingra Park Screen Structure	City of Madison		\$202,019	\$100,000	\$100,000	40%	14,144	36
2017	Prairie Home Estates - Stormwater Management Facility	Town of Middleton		\$256,065	\$189,074	\$189,074	88%	11,416	51
2017	Nautilus Pond Retrofit	City of Madison		\$695,669	\$100,000	\$100,000	59%	23,124	48
2017	Jacobson - Furey Pond	City of Madison		\$819,125	\$337,500	\$337,500	63%	40,337	73
2017	Total			\$1,972,879	\$726,574	\$726,574		89,021	208
2018	Oregon Ice Arena Stormwater Facility Rehabilitation	Village of Oregon		\$40,500	\$19,527	\$19,527	40%	1,393	3
2018	American Way Pond	City of Verona		\$54,812	\$25,000	\$25,000	73%	40	38



Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2018	Bruce St Stormwater Pond Retrofit	City of Verona		\$60,000	\$30,000	\$30,000	61%	86	0
2018	Edgehill Bioretention	Village of Shorewood		\$93,220	\$39,679	\$39,678	72%	9,314	39
2018	Industrial Park Bioswale Wet Basin Conversion	City of Stoughton		\$380,122	\$100,000	\$100,000	26%	7,386	23
2018	Stonebrook Estates Stormwater Facilities	Town of Middleton		\$561,220	\$393,000	\$393,000	56%	12,130	55
2018	Total			\$1,189,874	\$607,206	\$607,205		30,349	158
2019	Donna Drive Basin Expansion	City of Middleton		\$523,151	\$86,400	\$86,400	4%	482	1
2019	Total			\$523,151	\$86,400	\$86,400		482	1
2020	Byrne Pond Retrofit	City of Fitchburg		\$348,310	\$182,325	\$174,155	85%	14,189	47
2020	Underground Wet Pond at Stone Bridge Park	City of Monona		\$426,724	\$206,150	\$206,150	43%	49	0
2020	Lincoln St Stormwater Facility	City of Verona		\$1,571,273	\$500,000	\$500,000	60%	77,572	180
2020	Total			\$2,346,308	\$888,475	\$880,305		91,810	227
<b>Pending Projects by Year (4)</b>									
2017	Sauk Creek Greenway Iron Enhanced Biofilter Conversion	City of Madison		\$170,000	\$85,000		2%	2,370	91

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2017	East Towne Pond Reconstruction	City of Madison		\$820,000	\$615,000		66%	53,000	101
2017	Total			\$990,000	\$700,000			55,370	192
2018	Ultra Low Dose Alum Pilot	City of Madison		\$50,000	\$25,000		0%	0	62
2018	Northwest Koshkonong Creek Regional Basin	City of Sun Prairie		\$3,000,000	\$100,000		81%	145,295	275
2018	Total			\$3,050,000	\$125,000			145,295	337

### Under construction Projects by Year (3)

2020	Seminole Village Pond Expansion	City of Fitchburg		\$250,000	\$125,000		21%	3,017	6
2020	Total			\$250,000	\$125,000			3,017	6
2021	Bayview Community Center	City of Madison		\$788,036	\$394,018		35%	626	1
2021	Total			\$788,036	\$394,018			626	1
2022	Dudgeon Park Bioretention	City of Madison		\$20,000	\$10,000		71%	144	0

Year	Project	Municipality	Receiving Water Body	Total Cost	County Cost Share Awarded	County Actual Cost Share	Expected Sediment Removal Efficiency	Expected Sediment Reduction (lbs/year)	Expected Phosphorus Reduction (lbs/year)
2022	Total			\$20,000	\$10,000			144	0