

CORRESPONDENCE/MEMORANDUM _____ **State of Wisconsin**

DATE: January 20, 2023

TO: Land and Water Conservation Board Members and Advisors

FROM: Lisa K. Trumble, DATCP *Lisa K. Trumble*
Resource Management Section,
Bureau of Land and Water Resources

SUBJECT: Five Year Review of the *Dane County Land and Water Resource Management Plan*

Recommended Action: This is an action item. The LWCB should determine whether the county has met the LWCB's criteria for a five-year review of a LWRM plan approved for ten years. If the LWCB makes a formal determination that the county has failed to meet these criteria, DATCP will automatically modify its order to terminate approval of the county's plan effective December of this year.

Summary: The Dane County land and water resource management plan has been approved through December 31, 2028, contingent on a five-year review conducted prior to December 31, 2023. In advance of the five-year review, Dane County has completed a DATCP approved form designed to implement the LWCB's reference document dated October 27, 2021, and the criteria for conducting a five-year review. The county has provided written answers to four questions regarding past and future implementation, has provided the required work planning documents, and has appropriately involved the Land Conservation Committee.

Materials Provided:

- Completed Five Year Review Form
- 2022 Annual Workplan with Accomplishments
- 2022 Outreach Summaries
- 2023 Annual Workplan

Presenter: Amy Piaget, County Conservationist, Dane County Land & Water Resources Dept.
Patrick Downing, Land Conservation Committee Chair



Land and Water Conservation Board
County Land and Water Resource Management Plan
Five Year Review of LWRM Plans

County: DANE

Implementation Covering Past Five Years and Future Directions

Answer these four questions in writing (not to exceed 4 pages)

1. Provide a representative number of accomplishments that can be directly traced to activities identified in multiple work plans. For each accomplishment, explain how the planning process helped the county achieve its outcome, including planning adjustments that helped better target county activities.

Over the past five years, Dane County has implemented local, state, and federal cost-share funding programs working with a wide-variety of practices and landowners. The County Board and County Executive are very supportive of conservation work in the county and provide a significant amount of funds annually for implementation. In addition, Dane County was successful in obtaining two RCPP projects in the Yahara Watershed - one ending in 2020 and the second starting in 2022. The following is a summary of the number of contracts managed and amount of funds allocated for the past five years:

- 2018: 89 contracts allocating approximately \$530,747
- 2019: 186 contracts allocating approximately \$2,353,881
- 2020: 176 contracts allocating approximately \$2,713,981
- 2021: 176 contracts allocating approximately \$3,649,969
- 2022: 170 contracts allocating approximately \$2,817,069*

* 2022 numbers are draft as of the development of this report due to timing of report presentation versus reconciliation of 2022 projects.

The amount of work conducted as presented above over the past five years has shown a steady increase and provides a good example of the county's efforts in achieving annual workplans. Reporting on this volume of work is challenging since it takes a significant amount of time to reconcile that many contracts, the practices associated with the contracts, and funding.

Other accomplishments include the development of service agreements with a number of municipalities for the implementation of either adaptive management or water quality trading including: Dane-Iowa, Cross Plains, Yahara WINS, Mount Horeb, and Blue Mounds. This shows that the county is seen as a viable partner and has been successful in accomplishing projects as planned.

While there are a number of producer-led watershed groups in Dane County, we directly worked with and assisted in the formation of a new group called the Biological Farmer Friends of the Lower Yahara Watershed. While staff assist other producer-led groups in

the county upon request, this is the first group that has utilized significant county staff time to support the group with logistics, grant writing, practice implementation, and outreach events. This has been a good learning experience for the county with the role of collaborating entity.

2. Identify any areas where the county was unable to make desired progress in implementing activities identified in multiple work plans. For each area identified, explain the work plan adjustments that were made to refocus planned activities. If no areas are identified, explain how the county was able to make progress in all the areas planned.

One of the main areas where the county was unable to make desired progress was in the education and outreach category. This is primarily due to the COVID-19 pandemic. The primary program impacted by the pandemic was in-person nutrient management training classes for producers to write their own NMPs. We have paused taking the DATCP NM training funds until we can re-evaluate our program. At this time, we are primarily focusing on one-on-one trainings with producers and landowners for the development of NMPs. In addition, we reduced or eliminated field days and gatherings in general until the county lifted some of the restrictions associated with social distancing. In the coming years, we plan to re-evaluate our NM training programming looking to potentially partner with the UW-Madison short-course or similar programming to provide training programs.

3. Describe how the county's work plans implement its priority farm strategy and the effectiveness of county actions implementing agricultural performance standards and conservation practices on farms. In particular, the county should describe outreach, farm inventories, and additional funds that were pursued to implement its strategy.

The county's priority farm strategy is built into each annual work plan by responding to landowner requests for voluntary practice implementation, FPP status reviews, complaint responses, ordinance implementation, and practice inspections. Outreach is primarily through letters, phone calls, and one-on-one meetings on-farms. Funding for implementation is primarily provided by the county. Program funding includes: \$2.5 million annually to implement our Continuous Cover Program; \$750,000 annually to implement the Yahara CLEAN initiative; \$750,000 annually to implement water quality and erosion control practices outside of the Yahara Watershed; \$500,000 initial allocation for implementation of the county's Chapter 49 Agricultural Performance Standards and Manure Management ordinance; along with several other programs including Legacy Sediment Removal, Yahara River Flood Mitigation dredging, Urban Water Quality Grants, and a variety of restoration projects (i.e. prairie restoration, cropland conversions to perennial cover, wetland restoration, streambank stabilization/restoration) on county-owned properties. RCPP funds were successfully sought in order to implement soil health practices such as cover crops since operating/SEG funds are limited at the county level.

4. Provide representative examples that show changes in direction for work planning in the upcoming five years, with specific examples provided showing adjustments in planned activities in the county's most recent work plan.

There are a few areas that are shifting workload priorities looking forward to the next five years of implementation. One area incorporates environmental benefits that we are terming "Ecosystem Services" into more of our daily operations. As part of our ecosystems services programming, we are exploring carbon sequestration, nutrient reductions, infiltration benefits, and soil health improvements. Programming is being established to include data collection and analysis as well as modeling and quantification of environmental benefits. One example of this involves the county's Continuous Cover Program where, with landowner permissions, we will collect samples using protocols established by the UW to evaluate a baseline condition and the changes over time in nutrients, carbon, and infiltration on lands that have been converted from traditional row crops to continuous vegetation. The biggest challenge with creating this new program is incorporating it into our existing workflows. Over the next five years, we will be continuing to learn and build this program into our daily work.

The second item that is shifting workload priorities is a \$1 million, 5-year grant the county received from NRCS to establish a demonstration farm network in Dane County. This will be the first NRCS sponsored demo farm network in Wisconsin in the Mississippi River Basin (since the other networks are primarily located in the Great Lakes Basin). A lot of work is expected as part of this grant from hiring a project manager, to establishing the demonstration farms, to developing the research components, to conducting education and outreach. To be successful, this will be a priority in the coming years.

The third item that will be shifting workload priorities is the start of a feasibility study to develop a community treatment facility for manure in Dane County. Funds were approved for the 2023 county budget to conduct a request for proposals for the feasibility study and to begin exploring options. The Land & Water Resources Department is the lead for this project and it will consume staff time with planning meetings, outreach, and farmer interactions to gain insight into what may be feasible long term for manure management in the county.

An emerging topic that may take resources deals with PFAS. It is unclear at this time what roll Land & Water Resources Department will have but it is a topic of concern within the community.

Annual Work Plans

Attach both of the following:


- a. The most current annual work prepared by the county.
- b. The work plan for the previous year that includes a column that identifies the progress in implementing the planned activities for that year.

Board Review Process

The goal of the review is not to fail counties. The board recognizes the dynamic nature of the planning process. Board members are interested in how counties tackle priorities over time and how they respond to changing conditions in pursuing their priorities. The board will evaluate a county's planning and implementation based on how well the county balances and prioritizes the following: agricultural performance standards, other state priorities (impaired waters, FPP checks), and local priorities. When needed, the Board will provide constructive support to counties to improve the quality of their planning. Counties have the option to prepare a brief presentation to illustrate their successes and future priorities.

Land Conservation Committee Notification

The LCC was provided a completed copy of these questions (including attachments) on: January 20, 2023 as part of the LCC agenda packet for the January 26, 2023 meeting where the information will be presented.

Signature of Authorized Representative:  **Date:** 1/9/23
(e.g. County Conservationist, LCC chair)

Send completed questionnaire and attachments to:

Lisa.Trumble@wi.gov

**DANE COUNTY 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS [^]
<ul style="list-style-type: none"> <i>Cropland</i> 		
<p>Cropland, soil health and/or nutrient management</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient losses. I. G. Build awareness regarding economic and environmental value of developing and implementing a nutrient management plan. 	<p>Cropland Practices</p> <ul style="list-style-type: none"> Cover Crops: estimated 3,000 acres Diversions: 2 projects Grade Stabilization/WASCOB Structures: 2 projects Grassed/Lined Waterways: 10 projects Conservation Equipment: 2 projects <p>Nutrient Management</p> <ul style="list-style-type: none"> Develop new NMPs covering approximately 2,300 acres cost-shared with DATCP funds Evaluate nutrient management farmer education programming due to COVID-19. Conduct new and/or refresh her course pending future guidance on meetings. Review approximately 50 submitted NMPs Implement winter spreading permit requirements under Chapter 49 <p>Landscape Assessments/Projects</p> <ul style="list-style-type: none"> Conduct spring crop and tillage survey (approximately 430 sites) Continue mapping acres covered by NMPs Continue implementation of Dane County's Continuous Cover Program converting approximately 700 traditional row crop acres to cool season grasses, prairie/wildlife/pollinator habitat, or grazing forage 	<p>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of P reduced (calculated for targeted watersheds only)</p> <p>3,964.9 acres of cover crops 2 diversions 3 grade stabilization structures 18 grassed waterways 18 soil health equipment projects 1 terrace 1,775.9 acres of nutrient management cost-shared with DATCP SEG funds</p> <p>No NM workshops in 2022 due to pandemic and re-evaluating our NM programming.</p> <p>Completed reviews on at least 100 NMPs for winter spreading permits, FPP status reviews, and cost-share funding</p> <p>See permit numbers and inspections for winter spreading below.</p> <p>Conducted spring crop and tillage survey in May/June 2022</p> <p>Conducted first ever fall crop and tillage survey in November 2022.</p> <p>Contracted over 400 acres in the county's Continuous Cover Program totaling approximately \$1,058,000</p> <p>Over 80,000 acres of NM mapped.</p>
<ul style="list-style-type: none"> <i>Livestock</i> 		
<p>Livestock</p> <p>LWRMP Goals/Objectives</p>	<p>Livestock Practices</p> <ul style="list-style-type: none"> Roof Runoff Systems: 3 projects Underground Outlets: 1 project Stream Crossings: 3 projects 	<p>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of P reduced (calculated for targeted watersheds only)</p>

**DANE COUNTY 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient losses. I. G. Build awareness regarding economic and environmental value of developing and implementing a nutrient management plan. 	<ul style="list-style-type: none"> Manure Storage Closure: 5 projects Livestock Pipeline: 2 projects Lot Abandonment/Relocation: 1 projects Prescribed Grazing: 2 projects <p>Landscape Assessments</p> <ul style="list-style-type: none"> Continue mapping locations of installed, cost-shared practices Continue mapping the location of manure storage facilities Develop winter spreading plans in accordance with Chapter 49 Implement certificate of use requirements under Chapter 49 for manure storage facilities Implement manure storage permits under Chapter 49 for new, modified or abandonment of manure storage facilities 	<p>13 roof runoff structures 2 underground outlets 5 watering facilities 1 subsurface drain 2 access roads 9 prescribed grazing 6 livestock pipelines 3 obstruction removals 13 fencing projects 3 waste storage closures 1 waste storage facility</p> <p>Certificate of Use and Manure Storage permitting reported below</p>
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• *Water quality*

<p>Water quality/quantity</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. III. A. Encourage new methods of water quality improvement. IV. A. Protect, restore and stabilize streambanks and shorelines. 	<p>Water Quality</p> <ul style="list-style-type: none"> Streambank Protection: 2 projects Harvestable Buffers: 2 projects Continue implementation of Dane County’s sediment removal project (aka “Suck the Muck”), estimated 2 miles of stream <p>Water Quantity</p> <ul style="list-style-type: none"> Evaluate opportunities for flood mitigation and increase infiltration from agricultural landscapes. 	<p>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of P reduced (calculated for targeted watersheds only)</p> <p>0.5 miles of stream sediments removed from Six Mile Creek 1 well decommissioning</p> <p>Developed a county watersheds map located here:https://lwrp.dane.gov/what-we-do/watershed-management/yahara-watershed-map</p>
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<p>Forestry</p>	<p><i>Practice installation</i></p> <p>1 Forest stand improvement (28.9 acres)</p>	<p><i>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of sediment reduced (using any approved method) # lbs of P reduced (using any approved method)</i></p>
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• *Invasive*

<p>Invasive species</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> IV. E. Develop/expand invasive species programs aimed at 	<p>Surveys</p> <ul style="list-style-type: none"> Point-intercept surveys <p>Management plans</p> <ul style="list-style-type: none"> Update county’s AIS plan as needed 	<p># surveys completed # lbs. of carp removed # hours logged at boat landings</p>
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**DANE COUNTY 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>preventing introduction of new species and reducing existing species.</p> <ul style="list-style-type: none"> V. D. Educate and inform the public about the threats posed by aquatic and terrestrial invasive and exotic species. 	<ul style="list-style-type: none"> Update AIS signage throughout the county <p>Control</p> <ul style="list-style-type: none"> Continue eradication program for Yellow Floating Heart in a small pond in Northern Dane County Continue Wetland Invasive Plan (WIP) pilot project to encourage citizen participation in the Purple Loosestrife Biocontrol Program Continue Clean Boats Clean Waters programming at public boat landings Continue carp management programs on Fish, Mud, Crystal and Indian Lakes Continue aquatic plant management harvesting program according to the management plan, harvesting maps and DNR permits 	<p>Inventoried all AIS signage</p> <p>100 hours at Babcock for CBCW 100 hours at Fish Camp for CBCW</p> <p>6,000 pounds of carp removed from Indian Lake</p> <p>Eradication of yellow floating heart appears to be successful</p>
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• *Wildlife*

<p>Wildlife-We tlands-Habitat</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> II. A. Reduce the rate of urban expansion by preserving priority farmlands and open space. IV. A. Protect, restore and stabilize streambanks and shorelines. IV. C. Restore wetland and upland habitat. IV. D. Minimize conversion of wetlands to agricultural and urban development. V. A. Make grants available to local units of government and non-profits to protect and enhance land and water resources. 	<p>Wetlands</p> <ul style="list-style-type: none"> Wetland Restoration: 2 projects <p>Wildlife programs</p> <ul style="list-style-type: none"> Continue to participate in APHIS programs Continue to participate in deer and turkey donation programs <p>Plant sales</p> <ul style="list-style-type: none"> Continue to manage and participate in the Plant Dane Program offering native plants at discounted prices and plant donations to organizations <p>Habitat programs</p> <ul style="list-style-type: none"> Continue to implement Dane County Conservation Cover Program Continue to implement conservation and agricultural preservation easement programming Continue to implement streambank easement program 	<p># acres of wetland restored # plants sold/donated # acres in Conservation Cover Program # acres protected by conservation and agricultural preservation easements # miles of streams protected with easements # CRP contracts assisted</p> <p>17 conservation cover 7 forage and biomass plantings</p> <p>28,060 native plants sold 3,312 native plants donated to school/community projects</p> <p>21 Continuous Cover Program contracts</p> <p>Conducted streambank easement monitoring for 44 landowners covering 24 miles of stream and 175 acres</p> <p>Re-evaluating the county's streambank easement program - new program guidelines have not been completed yet.</p>
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**DANE COUNTY 2022 ANNUAL WORK PLAN
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	<ul style="list-style-type: none"> Continue to assist with implementing CRP and CREP under a contribution agreement with NRCS 	
<ul style="list-style-type: none"> <i>Urban</i> 		
<p>Urban issues</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. D. Improve and enhance erosion control and stormwater management runoff to reduce the quantity of runoff and improve the quality of runoff. V. A. Make grants available to local units of government and non-profits to protect and enhance land and water resources. V. H. Work with agencies, consultants, contractors and developers to ensure erosion control and stormwater management requirements are met. 	<p>Stormwater control</p> <ul style="list-style-type: none"> Review and issue stormwater management plans and permits Conduct stormwater management compliance inspections and enforcement <p>Erosion control</p> <ul style="list-style-type: none"> Review and issue erosion control and shoreland erosion control plans and permits Conduct erosion control and shoreland erosion control compliance inspections and enforcement <p>Grants</p> <ul style="list-style-type: none"> Continue to implement the Urban Water Quality Grant Program 	<p># inspections # plans reviews # permits issued # compliance issues resolved # of grants issued and dollars awarded</p> <p>2 UWQGs issued totaling \$199,500</p>
<ul style="list-style-type: none"> <i>Watershed</i> 		
<p>Watershed strategies</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface waters and groundwater. I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient loses. III. A. Encourage new methods of water quality improvement. IV. A. Protect, restore and stabilize streambanks and shorelines. V. C. Support individuals along with watershed groups and organizations in their education of citizens about resource improvement; pollution prevention. 	<p>Phosphorus Compliance Programs</p> <ul style="list-style-type: none"> - Active Service Agreement(s) <ul style="list-style-type: none"> Yahara WINS Adaptive Management Dane-Iowa Adaptive Management Cross Plains Water Quality Trading - Projects under Discussion/Service Agreement(s) being Developed <ul style="list-style-type: none"> Lodi Adaptive Management Deerfield Adaptive Management Cambridge Adaptive Management Blue Mounds Adaptive Management New Glarus Water Quality Trading Brooklyn Belleville Mt. Horeb <p>Farmer-Led Watershed Groups</p>	<p># meetings attended/presentations given</p> <p>Quarterly meetings with Yahara WINS</p> <p>Service agreement discussions with Mount Horeb</p>

**DANE COUNTY 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<ul style="list-style-type: none"> V. F. Promote partnerships to leverage funding and resources for conservation practices in order to target funding or resource gaps in the county. 	<ul style="list-style-type: none"> Provide assistance as requested to Yahara Pride Farms and Farmers for the Upper Sugar River Provide collaborating entity support to Biological Farming Friends (BFFs) producer led organization <p>Local Watershed Strategies</p> <ul style="list-style-type: none"> Implementation of the Dane County RCPP project in the Yahara and Sugar River Watersheds Implementation of the Door Creek Watershed Implementation Plan Assist watershed groups with the development of watershed strategies and planning 	<p>Continued to support BFF organization assisting with outreach activities, field days, demonstrations, workshop attendance, logo'd gear.</p> <p>Technical Workgroup to assess flooding at Fish, Mud, Crystal Lakes - final report at https://lwr.d.countyofdane.com/documents/pdfs/Plans--Studies--Reports/Reports/Fish-Lake-Workgroup-Final-Report-6-17-22.pdf</p> <p>Participated in the development of the Black Earth Creek Green Infrastructure Plan - more info at https://becw-gi-carpc.hub.arcgis.com/</p>
<p>Other</p>	<p><i>PL 566 Non-metallic and frac sand mining</i></p>	<p><i>Number of plans reviewed Number of inspections</i></p>

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits	n/a	n/a
Manure storage construction and transfer systems	8 6	8 6
Manure storage closure	5 5	5 5
Livestock facility siting	n/a	n/a
Nonmetallic/frac sand mining	n/a	n/a
Stormwater and construction site erosion control	300 *	300 *
Shoreland zoning	n/a	n/a
Wetlands and waterways (Ch. 30)	n/a	n/a
Other		
Winter Spreading Permits (Ch. 49 DC Ordinance)	50 40	50 18
Certificate of Use (Ch. 49 DC Ordinance)	50 92	50 91

DANE COUNTY 2022 ANNUAL WORK PLAN LOCALLY-IDENTIFIED PRIORITIES

Table 3: Planned inspections

Inspections	Number of inspections planned	
Total Farm Inspections	320	
For FPP	300	~193
For NR 151	20	covered by ordinance inspections
Animal waste ordinance	30	18*
Livestock facility siting	n/a	
Stormwater and construction site erosion control	300	*
Nonmetallic mining	n/a	

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	3
Trainings/workshops	2
School-age programs (camps, field days, classroom)	1
Newsletters	12
Social media posts	50
News release/story	5

See attached quarterly outreach reports for January through September. At the time of this reporting, the October-December report was still being developed.

Table 5: Staff Hours and Expected Costs (staff can be combined or listed individually)

Staff/Support	Estimated Hours	Estimated Costs (Salary + Fringe)	
County Conservationist (x1)	2,080	\$146,438	
Engineer (x1)	2,080	\$142,061	
Conservation Specialist – Advanced (x2)	4,160	\$242,054	
Conservation Specialist II (x6)	12,480	\$562,519	
Conservation Outreach Specialist LTE (x1)	1,200	\$43,219	
Conservation Technician (x1)	2,080	\$91,189	
Data Analyst (x1)	2,080	\$111,628	
Cost Sharing (can be combined)			
Bond (State)	n/a	\$54,000	\$54,000
Bond (County)	n/a	\$3,000,000	~\$2.1 million
SEG (State)	n/a	\$95,000	~\$118,100
EQIP (Federal)	n/a	\$500,000	~\$642,000
Other (Grants)	n/a	\$100,000	

* Stormwater and erosion control numbers were not available at the time of developing this report.

^ Practices installed, inspections, and dollars of funding are preliminary numbers as data is still being compiled

**DANE COUNTY 2022 ANNUAL WORK PLAN
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Table 6: HUC12s with Targeted Watershed Projects

HUC12	Name	Project Name
070700050501	Upper Black Earth Creek	Cross Plains-Water Quality Trading
070700050502	Middle Black Earth Creek	Cross Plains-Water Quality Trading
070700050503	Halfway Prairie Creek	Dane Iowa-Adaptive Management
070700050504	Lower Black Earth Creek	Dane Iowa-Adaptive Management
070700050502	Middle Black Earth Creek	Dane Iowa-Adaptive Management
070700050501	Upper Black Earth Creek	Dane Iowa-Adaptive Management
070700050204	Spring Creek	Lodi-Adaptive Management
070900020502	100 Mile Grove Cemetery	Yahara WINS-Adaptive Management/RCPP
070900020803	Badfish Creek	Yahara WINS-Adaptive Management/RCPP
070900020504	Cherokee Lake-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020903	City of Stoughton-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020901	Door Creek	Yahara WINS-Adaptive Management/RCPP/Impaired Waters
070900020501	Goose Lake-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020902	Lake Kegonsa-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020604	Lake Mendota-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020702	Lake Monona-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020703	Lake Waubesa-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020801	Oregon Branch	Yahara WINS-Adaptive Management/RCPP
070900020603	Pheasant Branch	Yahara WINS-Adaptive Management/RCPP
070900020802	Rutland Creek-Badfish Creek	Yahara WINS-Adaptive Management/RCPP
070900020602	Sixmile Creek	Yahara WINS-Adaptive Management/RCPP
070900020701	Starkweather Creek	Yahara WINS-Adaptive Management/RCPP
070900020904	Stoughton Airfield-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020503	Token Creek	Yahara WINS-Adaptive Management/RCPP
070900020601	Waunakee Marsh-Sixmile Creek	Yahara WINS-Adaptive Management/RCPP
070900020905	Yahara River	Yahara WINS-Adaptive Management/RCPP
70900040101	Mt. Vernon Creek	RCPP
70900040102	Primrose Branch-West Branch Sugar River	RCPP
70900040103	West Branch Sugar River	RCPP
70900040201	Badger Mill Creek	RCPP
70900040202	Headwaters Sugar River	RCPP
70900040203	Paoli-Sugar River	RCPP
70900040301	City of Evansville-Allen Creek	RCPP
70900040402	Ward Creek-Little Sugar River	RCPP

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HUC12	Name	Project Name
70900040501	Story Creek	RCPP
70900040502	Ross Crossing-Sugar River	RCPP

January – March 2022 Outreach Summary

This document provides a summary of outreach events and activities led by Land & Water Resources Department staff. In addition to these events, we support park friends group's and other conservation group's events that are not reflected in this summary.

Recurring Programs and General Announcements:

- **Plant Dane** - 28060 plants sold. 3312 plants donated to school and community projects
- The Wisconsin Natural Resources Board approved a donation of a bike trail in Lake Kegonsa State Park from Dane County at their April 13th meeting.
- **Conservation Awareness Poster Contest** "Healthy Soil: Healthy Life" 27 entries from students from kindergarten through 12th grade.

Presentations

- January 24 – "Plant Dane/Adopt A Storm Drain" presentation at the Sustainable Stoughton Meeting (Christal Campbell)
- Feb 10 - "Recent Progress in Watershed Management in Dane County, Wisconsin" presentation to the UW-Madison Watershed Management class (Matt Diebel)
- Feb 16 – "Managing Manure" presentation at the BFF Manure Management meeting (Amy Piaget)
- Feb 23 – "Fitting Cover Crops into your Rotation" presentation to farmers at the Wisconsin Cover Crop Conference (Marie Raboin)
- Feb 24 – "You, Me, & the USLE" virtual webinar (All Water Resource Engineering division staff)
- March 4 - "Outside the Box: Creative Ways to Leverage Partnerships, Funding and Resources to Further Conservation Efforts" presentation at the WI Land and Water Conference (Kyle Minks)
- March 8 - "Native Plants for Wildlife and Water Quality" presentation to the VA Farms & Gardens Virtual Garden Club (Theresa Nelson)
- March 10 – "Legacy Sediment" presentation at the WDNR TMDL Coordination Meeting (John Reimer/Kyle Minks)
- March 10 – "Recreational Opportunities" Dane County Public Informational Meeting on Waste & Renewables Sustainability Campus (Joleen Stinson / Chris James)
- March 10 – "Conservation Programs and Cover Crops" presentation to farmers in Paoli University (Marie Raboin)
- March 11 – "How to get started: Building a simple web application with R Shiny" presentation at the American Water Resources Association - Wisconsin Chapter Annual Meeting (Matt Diebel)

- March 22 - Storm Drain Mural Presentation to Randall Elementary School (Christal Campbell)
- March 24 - Storm Drain Mural Presentation to Spring Harbor Middle School (Christal Campbell)

Volunteer Training Series

- Jan 11 - Successful Event Planning, Social Media and Communications (Joleen Stinson/Lael Pascual/ Susan Sandford)
- Jan 25 – Friends Group Organization and Incorporation (guest speaker)
- Feb 8 - Grant Writing Workshop (guest speaker)
- Feb 19 - Volunteer Recruitment, Management, & Projects (Claire Lamberg/ Lars Higdon)
- Feb 22 – Membership and Fundraising (guest speaker)
- March 1 - Diversity, Equity and Inclusion Workshop (Lael Pascual, Claire Lamberg, Susan Sandford, Jess Starks)
- March 5 - Pesticide Applicator Training/Review Session with Certification Exam (Adam Alves)
- March 8 - Interpretive Signage and Design (guest speaker)

Youth and Family

- Jan 8 – Youth Volunteers for Conservation - Woodland conservation @ Capital Springs Recreation Area (Micah Kloppenburg)
- Jan 12 - Pop-ups in the Park Owl Walk @ Capital Springs Recreation Area (Amy Cox)
- Jan 18 - Girl's Inc. Adventure Club @ Goodman Community Center (Amy Cox)
- Jan 22 - Winter Fun Outdoor Gear Demo and Fun Day with the Sierra Club at WG Lunney Lake Farm County Park (Lael Pascual/Micah Kloppenburg)
- Jan 31 - Get Outside! @ Cherokee Marsh Natural Area with the Kennedy-Heights Community Center (Amy Cox)
- Feb 1 - Girl's Inc. Adventure Club @ Picnic Point with Goodman Community Center and East High School (Amy Cox)
- Feb 11 - Lil' Explorers @ the Lussier Family Heritage Center (Amy Cox)
- Feb 11 - Pop-ups in the Park Snowshoe @ Badger Prairie County Park (Micah Kloppenburg)
- Feb 12 – Youth Volunteers for Conservation - Woodland conservation @ Stewart Lake County Park (Micah Kloppenburg)
- Feb 19 - Youth Volunteers for Conservation - Backyard Bird Count @ WG Lunney Lake Farm County Park (Micah Kloppenburg)
- Feb 23 - Pop-ups in the Park Owl Walk @ Lewis Nine-Springs E-way (Amy Cox)
- March 1 - Girl's Inc. Adventure Club @ Capital Springs Recreation Area with Goodman Community Center and East High School (Amy Cox)
- March 4 – Tree Identification @ WG Lunney Lake Farm County Park with New Century School (Amy Cox)
- March 4 – Volunteer Brush Removal @ Gilman Mounds with Shabazz High School (Micah Kloppenburg)
- March 7 – Get Outside! @ Lussier Family Heritage Center with Kennedy-Heights Community Center (Amy Cox)

- March 12 - Youth Volunteers for Conservation – Prairie Seeding @ Donald County Park (Micah Kloppenburg)
- March 15 - Girl's Inc. Adventure Club @ REI with Goodman Community Center and East High School (Amy Cox)
- March 18 - Girl's Inc. Adventure Club Birding @ W.G. Lunney Lake Farm County Park (Amy Cox/Lael Pascual)
- March 23 – Tree Exploration with Bayview Community Center (Amy Cox)

Workshops and Training

- January 24 - Wildfire/Prescribed Burn Training for volunteers (Shane Otto/Lars Higdon/Claire Lamberg)
- Feb 21 - Winter Trail Maintenance training at the Wisconsin Park and Recreation Association's Annual Conference (Joleen Stinson / Bert Schwab / Eric Eisle)
- March 8 – Native Landscaping: A Solution to Pollution Webinar (Christal Campbell/Theresa Nelson)

Volunteer Events

This includes events hosted or supported heavily by staff but is not a complete list of events hosted by parks friends groups or other conservation groups in the county.

Native Seeds:

- January – Three days of prairie seed mixing, weighing and bagging with volunteers @ Libby Rd. Facility (Lars Higdon/Tom Klein/ Jaedan Festge/ Claire Lamberg)
- Feb/March –prairie planting events at CamRock County Park; Walking Iron County Park, and Pheasant Branch Conservancy (Lars Higdon/Shane Otto/Claire Lamberg/Tom Klein)

Prescribed Burns:

- March 28 – Capital Springs Disc Golf Course (Lars Higdon/Shane Otto)

Workdays

- Jan-March – 14 tree and brush removal workdays at various park properties (Lars Higdon/ Shane Otto/ Tom Klein/Jaedan Festge/ Claire Lamberg/ Vince Schmitz)
- Jan-March –three Walking Iron County Park workdays (Lars Higdon/ Shane Otto/ Tom Klein/Jaedan Festge/ Claire Lamberg/ Vince Schmitz)

April – June 2022 Outreach Summary

This document provides a summary of outreach events and activities led by Land & Water Resources Department staff. In addition to these events, we support park friends group's and other conservation group's events that are not reflected in this summary.

Presentations

- April-22 - "Stormwater Pollutions and Solutions" Storm Drain Mural Presentation at Cottage Grove Elem School Cottage Grove (Christal Campbell)
- April-22 - "Dane County Land & Water Resources Department" presentation to Zoology 677: Internships in Ecology at UW Madison (Amy Piaget)
- April-22 - Volunteer Opportunities within the DCP System" presentation to Master Naturalists (Claire Lamberg)
- April-22 – "Recent Progress in Watershed Management in Dane County, Wisconsin" Nelson Institute Earth Day Panel (Matt Diebel)
- April-22 - Tajikistan Adventure Tourism in the United States Panel Discussion with Destination Madison (Joleen Stinson)
- April-22 - Sugar River Streambank Restoration Meeting (Katie Nicholas)
- April – 22 – "Stormwater Pollutions and Solutions" Jefferson Middle School Madison (Christal Campbell)

Youth and Family

- April-22 - Get Outside! Biking with Kennedy-Heights Community Center (Amy Cox)
- April-22 - Get Outside! with Bayview Community Center (Amy Cox)
- April-22 - Girl's Inc. Outdoor Adventure Club with East High School (Amy Cox)
- April-22 - Girl's Inc. Summer Reunion with East High School (Amy Cox) A
- April-22 - Household Hazardous Waste Disposal Event (Christal Campbell/Dane County Waste and Renewables)
- April-22 - Girl's Inc. Outdoor Adventure Club with East High School (Amy Cox)
- May-22 - Get Outside! with Kennedy-Heights Community Center (Amy Cox)
- May-22 - Get Outside! with Bayview Community Center (Amy Cox)
- May-22 - Get Outside! Campfire skills with Bayview Community Center (Amy Cox)
- May 21-22 - Get Outside! IAT Backpacking Trip with East High School and Goodman Community Center (Amy Cox)
- May-22 - Get Outside! Biking Adventure with Kennedy-Heights Community Center (Amy Cox)

- May-22 - Get Outside! Fishing Adventure with Bayview Community Center (Amy Cox)
- May-22 - Lincoln School Field Trip (Matt Diebel)
- June-22 - Lil' Explorers Outdoor Adventure (Amy Cox)
- June-22 - Lil' Explorers StoryTime (Amy Cox)
- June-22 - Dane County Breakfast on the Farm - Rainfall Simulators (Landon Baumgartner)
- June-22 - Lil' Explorers Spanish StoryTime (Amy Cox)
- June-22 - Lil' Explorers StoryTime (Calliana Wickus)
- June-22 - Paddle in the Parks (Lael Pascual)
- June-22 - Get Outside! Canoeing with HoChunk Nation Youth (Amy Cox)
- June-22 - Learn-to Fish (Megan Sullivan, Emily Reed, and John Anderson)
- June-22 - Lil' Explorers Spanish StoryTime (Emily Reed and Calliana Wickus)
- June-22 - Get Outside! Biking Adventure with Goodman Girl's Inc. Elementary (Amy Cox and Calliana Wickus)
- June-22 - Get Outside! Fishing Adventure with Goodman Girl's Inc. Elementary (Megan Sullivan and Calliana Wickus)

Workshops and Training

- May-22 - Riversmith Fly Casting Clinic & Trout Days (Curt Diehl)
- May-22 - Certified Land Steward Orientation (Lars Higdon/Claire Lamberg)
- May-22 - Weeds & Wildflowers at Lake View Hill County Park (Lars Higdon)
- May-22 - UW Arboretum Empower U! Workshop (Christal Campbell)
- June-22 - Weeds & Wildflowers at Indian Lake County Park (Lars Higdon)

Volunteer Events

This includes events hosted or supported heavily by staff but is not a complete list of events hosted by parks friends groups or other conservation groups in the county.

- Six Summer Volunteer Restoration Workdays at various parks (Lars Higdon/ Shane Otto/ Claire Lamberg)
- Seventeen Prescribed Burns at various parks (Lars Higdon/Shane Otto)

July-Sept 2022 Outreach Summary

This document provides a summary of outreach events and activities led by Land & Water Resources Department staff. In addition to these events, we support park friends group's and other conservation group's events that are not reflected in this summary.

Presentations

- Aug 9 – “Introduction to Stormwater: Impacts and Solutions” Virtual and in person to the Stoughton Rotary Club Meeting (Claudia Guy)
- Sept 7 – Multiple presentations for the Wisconsin Park and Recreation Association Region Meeting, including the Solar improvements, the Lower Yahara River Trail, and the seed collection program (Joleen Stinson/Shane Otto/ Chris James/Lars Higdon/Claire Lamberg)
- Sept 10 – “Summary of Restoration work on County Lands, including Brigham Park.” at the Blue Mounds Area Project Annual Picnic (Lars Higdon)
- Sept 14 – “Bike Dane Update” annual presentation for local units of government and the public to discuss status of regional bike trail projects that are currently being planned or developed (Chris James)
- Sept 15 – “Stormwater Pollution and Solutions” at the Mariposa Learning Center (Christal Campbell)
- Sept 21 – “Overview of Dane County Parks” at the Anderson Park Friends Annual Meeting (Joleen Stinson)
- Sept 27 – “Dane County Parks: Ecological Restoration & Volunteers” at Sun Prairie High School (Claire Lamberg & Shane Otto)
- Sept 29 – “Overview of Current Regional Trail Projects Led by Dane County” presentation with Joe Parisi at the Healthy Communities Summit. Included information about other initiatives to promote healthy and outdoor lifestyles for County residents (Chris James)
- Sept 30 – “Outdoor Recreation Wellness Benefits” at the Wisconsin Healthy Communities Summit (Joleen Stinson)
- Oct 5 – “Dane County Parks: Ecological Restoration & Volunteers” Virtual for the American Family Lunch and Learn (Claire Lamberg)
- Oct 17 - Natural Areas Program Overview and Volunteer Opportunities at the Green Tree Garden Club (Lars Higdon)

Community Events and Programs

- July 10 - Environmental Fun Fair at the Lussier Family Heritage Center with a Rainfall Simulator Demo (Susan Sandford/Landon Baumgartner/Megan Sullivan/Calliana Wickus/Christal Campbell/Claudia Guy)

- July 23 - Youth Fishing Event at Stewart Lake County Park (Lael Pascual, Pete Jopke, Curt Diehl)
- July 29 – Cycle of a Butterfly table activity at Olbrich Gardens Butterfly Day (Megan Sullivan/Emily Reed/John Anderson/Calliana Wickus/Grace Henes)
- August 2- - Rainfall Simulator Demo and Parks table at the Waste and Renewables Open House (Landon Baumgartner/Laurie Lambert/Amy Cox)
- August 8 - Full Moon Luminary Walk
- August 10 - Heritage Center nature activity at the Monarch Festival Oregon Nature Conservancy (Megan Sullivan)
- Aug 14 - Edgewood in the Community at W.G. Lunney Lake Farm County Park with Edgewood High School Students (Clare Carlson/Amy Cox)
- Sept 14 - Edgewood in the Community at Schumacher Farm with Edgewood High School Students (Claire Lamberg)
- September 18 – Barks for Parks at Prairie Moraine Dog Park (Susan Sandford/Chad Haanen/Taylor Mason)
- Sept 18 - Rainfall Simulator Demo at Schumacher Farm Heritage Fest (Landon Baumgartner/Curt Diehl)
- Sept 24 - Rooted Harvest Festival with Rainfall Simulator and park info (Susan Sandford/ Laurie Lambert/ Landon Baumgartner)
- Monthly Disc Golf Popups with Karben4 Brewing and DCP Rangers June through September. Free discs to borrow and waived permit fees during the event.

Heritage Center Recurring Programs

Amy Cox, Megan Sullivan, Calliana Wickus, and John Anderson

- Lil' Explorers Outdoor Adventure – 7/1; 8/5; 9/2; 9/ 16; 10/7; 10/21
- Fishing Adventure – 7/1; 7/25; 7/29; 8/12
- Learn to Fish – 7/8; 7/22; 8/5; 8/19; 8/26
- StoryTime – 7/5; 7/12; 7/19; 7/26; 8/2; 8/9; 8/16
- Learn to Bike – 7/27; 8/3; 8/17; 8/24
- Owl Walk – 9/21; 10.12; 10/19
- Epic Recreational Adventure - 7/26
- Get Outside! with Goodman Center Girls Inc – 7/6; 8/1; 10/17
- Get Outside! with Bayview – 7/14; 8/2; 9/14; 9/20; 9/27; 10/4; 10/11; 10/18
- Get Outside! with Bridge Lakepoint Waunona – 7/18; 8/8; 8/9; 9/12; 10/10; 10/24
- Get Outside! with Kennedy-Heights Community Center – 7/18; 7/27; 8/15; 9/13; 9/20
- Paddles In the Park on the Sugar River (7/28; 9/8), Black Earth Creek (8/11) and the Lower Yahara River (10/9)
- Junior Naturalist Elementary – session 1 – six classes
- Junior Naturalist Middle with Centro Hispano - six classes
- Junior Naturalist Elementary – session 2 – six classes
- Junior Naturalist Middle – seven classes

- Junior Naturalist Elementary – session 3 – six classes

Workshops and Training

- July 26 - A Beginner's Guide to ISMTrack Workshop for Dane County Parks volunteers (Claire Lamberg)
- Aug 25 – Rain Garden Workshop for Friends of Lake Kegonsa and Kegonsa shoreline property owners (Susan Sandford/Christal Campbell)
- Sept 13 - ISMTrack Review and Practice Workshop for Dane County Parks volunteers (Claire Lamberg)
- Sept 17 - Habitat for Humanity Rain Garden Installation/Educational Event (Christal Campbell/Theresa Nelson)
- Sept 20/27 - Water Stewards Program with Sustain Dane (Christal Campbell)

Volunteer Events

This includes events hosted or supported heavily by staff but is not a complete list of events hosted by parks friends groups or other conservation groups in the county.

- 50 – Seed Collection Events at various County Park properties (Lars Higdon/ Shane Otto/ Claire Lamberg/Grace Henes/Tom Klein/ Jaedan)
- 12- Prairie Seed Cleaning Events (Lars Higdon/Shane Otto)
- 3 - Seed Collection Events with Youth Volunteers for Conservation (Calliana Wickus)
- 10 - Volunteer Restoration Workdays at various parks (Lars Higdon/ Shane Otto/ Claire Lamberg)

There is a new [DCP volunteer newsletter and email interest lists](#) so people interested in volunteering can get notices and information straight to their inbox.

Tabling at Events

- Oct 5 – Dane County Parks info table at the Verona Farmers Market (Amy Cox/Megan Sullivan)

Interviews/Print

- Sept 2 – “Mississippi River and Vegetation and Fishery in the Yahara chain of lakes” I-Heart Radio Outdoors (Pete Jopke)
- Sept 26 – “Alternative Land Management – Goats” NBC15 (Lael Pascual)
- Sept 27 – “Small farm pollution can slip through the cracks and be hard to enforce” Wisconsin Examiner (Amy Piaget)

**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code	PERFORMANCE MEASUREMENTS
<ul style="list-style-type: none"> • <i>Cropland</i> 		
<p>Cropland, soil health and/or nutrient management</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> • I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. • I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient losses. • I. G. Build awareness regarding economic and environmental value of developing and implementing a nutrient management plan. 	<p>Cropland Practices</p> <ul style="list-style-type: none"> • Cover crops – 3,000 acres • Critical area planting – 7 projects • Diversion – 1 project • Field border – 1 project • Filter strip – 1 project • Grade stabilization – 1 project • Grassed waterways – 19 projects • WASC0B – 1 project <p>Nutrient Management</p> <ul style="list-style-type: none"> • Cost-share 1,000 acres of NM with DATCP funds • Cost-share 1,500 acres of cover crops with DATCP funds • Review approximately 50 submitted NMPs • Implement winter spreading permit requirements under Chapter 49 <p>Landscape Assessments/Projects</p> <ul style="list-style-type: none"> • Conduct spring and fall crop and tillage survey • Continue mapping acres covered by NMPs 	<p>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of P reduced (calculated for targeted watersheds only)</p>
<ul style="list-style-type: none"> • <i>Livestock</i> 		
<p>Livestock</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> • I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. • I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient losses. 	<p>Livestock Practices</p> <ul style="list-style-type: none"> • Lot relocation/abandonment – 1 project • Waste storage facility – 3 projects • Waste storage closure – 10 projects • Fencing – 19 projects • Access control – 1 project • Mulching – 4 projects • Obstruction removal – 4 projects • Livestock pipeline – 20 projects 	<p>Type and units of practice(s) installed Amount of cost-share dollars spent # lbs of P reduced (calculated for targeted watersheds only)</p>

**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<ul style="list-style-type: none"> I. G. Build awareness regarding economic and environmental value of developing and implementing a nutrient management plan. 	<ul style="list-style-type: none"> Prescribed grazing – 7 projects Roof runoff structure – 16 projects Heavy use protection – 1 project Trails and walkways – 1 project Watering facility – 14 projects Underground outlet – 9 projects Waste treatment – 2 projects Waste transfer – 6 projects <p>Landscape Assessments</p> <ul style="list-style-type: none"> Continue mapping locations of installed, cost-shared practices Continue mapping the location of manure storage facilities Implement permitting requirements in Chapter 49 (winter spreading, certificate of use, manure storage permitting) 	
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• *Water quality*

<p>Water quality/quantity</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface water and groundwater. III. A. Encourage new methods of water quality improvement. IV. A. Protect, restore and stabilize streambanks and shorelines. 	<p>Water Quality</p> <ul style="list-style-type: none"> Well decommissioning – 1 project Stream crossing – 2 projects Streambank and shoreline protection – 6 projects <p>Water Quantity</p> <ul style="list-style-type: none"> Evaluate opportunities for flood mitigation and increase in infiltration from agricultural landscapes. 	<p>Type and units of practice(s) installed</p> <p>Amount of cost-share dollars spent</p> <p># lbs of P reduced (calculated for targeted watersheds only)</p>
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<p>Forestry</p>	<p><i>Practice installation</i></p>	<p><i>Type and units of practice(s) installed</i></p> <p><i>Amount of cost-share dollars spent</i></p> <p><i># lbs of sediment reduced (using any approved method)</i></p> <p><i># lbs of P reduced (using any approved method)</i></p>
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• *Invasive*

<p>Invasive species</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> IV. E. Develop/expand invasive species programs aimed at preventing introduction of new 	<p>Surveys</p> <ul style="list-style-type: none"> Point-intercept surveys <p>Management plans</p> <ul style="list-style-type: none"> Update APM for Monona and Mendota Install signage where needed 	<p># surveys completed</p> <p># lbs. of carp removed</p> <p># hours logged at boat landings</p>
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**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>species and reducing existing species.</p> <ul style="list-style-type: none"> • V. D. Educate and inform the public about the threats posed by aquatic and terrestrial invasive and exotic species. 	<p>Control</p> <ul style="list-style-type: none"> • Final review of eradication success for Yellow Floating Heart in a small pond in Northern Dane County • Continue Wetland Invasive Plan (WIP) pilot project to encourage citizen participation in the Purple Loosestrife Biocontrol Program • Continue Clean Boats Clean Waters programming at public boat landings • Continue carp management programs on Fish, Mud, Crystal and Indian Lakes • Continue aquatic plant management harvesting program according to the management plan, harvesting maps and DNR permits • Aerial mapping via drone of Cherokee Marsh for phragmites IPM treatment 	
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• *Wildlife*

<p>Wildlife- Wetlands- Habitat</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> • II. A. Reduce the rate of urban expansion by preserving priority farmlands and open space. • IV. A. Protect, restore and stabilize streambanks and shorelines. • IV. C. Restore wetland and upland habitat. • IV. D. Minimize conversion of wetlands to agricultural and urban development. • V. A. Make grants available to local units of government and non-profits to protect and enhance land and water resources. 	<p>Wetlands</p> <ul style="list-style-type: none"> • Wetland Restoration – 1 project <p>Wildlife programs</p> <ul style="list-style-type: none"> • Continue to participate in APHIS programs • Continue to participate in deer and turkey donation programs <p>Plant sales</p> <ul style="list-style-type: none"> • Continue to manage and participate in the Plant Dane Program offering native plants at discounted prices and plant donations to organizations <p>Habitat programs</p> <ul style="list-style-type: none"> • Conservation cover – 3 projects • Stream habitat improvement – 2 projects • Forage and biomass planting – 6 projects • Continue to implement Dane County’s Continuous Cover Program 	<p># acres of wetland restored # plants sold/donated # acres in Conservation Cover Program # acres protected by conservation and agricultural preservation easements # miles of streams protected with easements # CRP contracts assisted</p>
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• *Urban*

<p>Urban issues</p>	<p>Stormwater control</p> <ul style="list-style-type: none"> • Review and issue stormwater management plans and permits 	<p># inspections # plans reviews # permits issued</p>
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**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

<p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. D. Improve and enhance erosion control and stormwater management runoff to reduce the quantity of runoff and improve the quality of runoff. V. A. Make grants available to local units of government and non-profits to protect and enhance land and water resources. V. H. Work with agencies, consultants, contractors and developers to ensure erosion control and stormwater management requirements are met. 	<ul style="list-style-type: none"> Conduct stormwater management compliance inspections and enforcement <p>Erosion control</p> <ul style="list-style-type: none"> Review and issue erosion control and shoreland erosion control plans and permits Conduct erosion control and shoreland erosion control compliance inspections and enforcement <p>Grants</p> <ul style="list-style-type: none"> Continue to implement the Urban Water Quality Grant Program 	<p># compliance issues resolved # of grants issued and dollars awarded</p>
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• *Watershed*

<p>Watershed strategies</p> <p>LWRMP Goals/Objectives</p> <ul style="list-style-type: none"> I. A. Reduce the quantity of sediment and nutrients reaching surface waters and groundwater. I. B. Improve soil health to reduce soil erosion, improve infiltration and reduce nutrient losses. III. A. Encourage new methods of water quality improvement. IV. A. Protect, restore and stabilize streambanks and shorelines. V. C. Support individuals along with watershed groups and organizations in their education of citizens about resource improvement; pollution prevention. V. F. Promote partnerships to leverage funding and resources for conservation practices in order to target funding or resource gaps in the county. 	<p>Phosphorus Compliance Programs</p> <p>- Active Service Agreement(s)</p> <ul style="list-style-type: none"> Yahara WINS Dane-Iowa Wastewater Treatment Facility Cross Plains Wastewater Treatment Facility Springfield Clean Water LLC Blue Mounds Wastewater Treatment Facility <p>- Projects under Discussion/Service Agreement(s) being Developed</p> <ul style="list-style-type: none"> Mt. Horeb Roxbury <p>Farmer-Led Watershed Groups</p> <ul style="list-style-type: none"> Provide assistance as requested to Yahara Pride Farms and Farmers for the Upper Sugar River Provide collaborating entity support to Biological Farming Friends (BFFs) producer led organization <p>Local Watershed Strategies</p> <ul style="list-style-type: none"> Implementation of the Dane County RCPP project in the Yahara and Sugar River Watersheds 	<p># meetings attended/presentations given</p>
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**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

	<ul style="list-style-type: none"> • Establishment of the Dane County Demonstration Farm Network • Manure management/treatment feasibility study 	
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Other	<i>PL 566 Non-metallic and frac sand mining</i>	<i>Number of plans reviewed Number of inspections</i>
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Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits	n/a	n/a
Manure storage construction and transfer systems	5	5
Manure storage closure	5	5
Livestock facility siting	n/a	n/a
Nonmetallic/frac sand mining	n/a	n/a
Stormwater and construction site erosion control	300	300
Shoreland zoning	n/a	n/a
Wetlands and waterways (Ch. 30)	n/a	n/a
Other		
Winter Spreading Permits (Ch. 49 DC Ordinance)	25	10
Certificate of Use (Ch. 49 DC Ordinance)	50	50

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	
For FPP	300
For NR 151	
Animal waste ordinance	30
Livestock facility siting	n/a
Stormwater and construction site erosion control	300
Nonmetallic mining	n/a

**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	3
Trainings/workshops	2
School-age programs (camps, field days, classroom)	1
Newsletters	12
Social media posts	50
News release/story	5

Table 5: Staff Hours and Expected Costs (staff can be combined or listed individually)

Staff/Support (Land Conservation Division Staff only)	Estimated Hours	Estimated Costs (Salary + Fringe)
County Conservationist (x1)	2,080	\$152,000
Engineer (x1)	2,080	\$147,000
Conservation Specialist – Advanced (x2)	4,160	\$248,000
Conservation Specialist II (x6)	12,480	\$614,000
Conservation Outreach Specialist LTE (x1)	1,200	\$46,000
Conservation Technician (x1)	2,080	\$92,000
Agronomist – Demo Farm (x1)	2,080	\$78,000
Data Analyst (x1)	2,080	\$119,000
Cost Sharing (can be combined)		
Bond (State)	n/a	\$65,000
Bond (County)	n/a	\$4,000,000
SEG (County)	n/a	\$125,000
SEG (State)	n/a	\$75,000
EQIP (Federal)	n/a	\$500,000

Table 6: HUC12s with Targeted Watershed Projects

HUC12	Name	Project Name
070700050501	Upper Black Earth Creek	Cross Plains-Water Quality Trading
070700050502	Middle Black Earth Creek	Cross Plains-Water Quality Trading
070700050503	Halfway Prairie Creek	Dane Iowa-Adaptive Management
070700050504	Lower Black Earth Creek	Dane Iowa-Adaptive Management

**DANE COUNTY 2023 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

HUC12	Name	Project Name
070700050502	Middle Black Earth Creek	Dane Iowa-Adaptive Management
070700050501	Upper Black Earth Creek	Dane Iowa-Adaptive Management
070900020502	100 Mile Grove Cemetery	Yahara WINS-Adaptive Management/RCPP
070900020803	Badfish Creek	Yahara WINS-Adaptive Management/RCPP
070900020504	Cherokee Lake-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020903	City of Stoughton-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020901	Door Creek	Yahara WINS-Adaptive Management/RCPP/Impaired Waters
070900020501	Goose Lake-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020902	Lake Kegonsa-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020604	Lake Mendota-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020702	Lake Monona-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020703	Lake Waubesa-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020801	Oregon Branch	Yahara WINS-Adaptive Management/RCPP
070900020603	Pheasant Branch	Yahara WINS-Adaptive Management/RCPP
070900020802	Rutland Creek-Badfish Creek	Yahara WINS-Adaptive Management/RCPP
070900020602	Sixmile Creek	Yahara WINS-Adaptive Management/RCPP
070900020701	Starkweather Creek	Yahara WINS-Adaptive Management/RCPP
070900020904	Stoughton Airfield-Yahara River	Yahara WINS-Adaptive Management/RCPP
070900020503	Token Creek	Yahara WINS-Adaptive Management/RCPP
070900020601	Waunakee Marsh-Sixmile Creek	Yahara WINS-Adaptive Management/RCPP
070900020905	Yahara River	Yahara WINS-Adaptive Management/RCPP
70900040101	Mt. Vernon Creek	RCPP
70900040102	Primrose Branch-West Branch Sugar River	RCPP
70900040103	West Branch Sugar River	RCPP
70900040201	Badger Mill Creek	RCPP
70900040202	Headwaters Sugar River	RCPP
70900040203	Paoli-Sugar River	RCPP
70900040301	City of Evansville-Allen Creek	RCPP
70900040402	Ward Creek-Little Sugar River	RCPP
70900040501	Story Creek	RCPP
70900040502	Ross Crossing-Sugar River	RCPP