

# Cedar River Watershed District 2018 Plan of Work



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# Mission Statement

It is the mission of the Cedar River Watershed District to apply our statutory authorities in ways that protect and enhance safety, commerce and natural resources for today and tomorrow.

2018 Cedar River Board of Managers		
<u>Name</u>	<u>Board Position</u>	<u>Representing County</u>
<b>Kevin Kiser</b>	Chair	Dodge
<b>Mike Merten</b>	Vice Chair	Mower
<b>Michael G. Jones</b>	Treasurer	Steele
<b>Sue Olson</b>	Secretary	Mower
<b>Steve Kraushaar</b>	Board Member	Freeborn
<b>Jason Weis</b>	Board Member	Mower
<b>Jim Gebhardt</b>	Board Member	Mower



CRWD Staff	
<b>Justin Hanson</b>	District Administrator
<b>Jeanne Crump</b>	Administrative Assistant
<b>Cody Fox</b>	Project Manager
<b>James Fett III</b>	Watershed Technician
<b>Tim Ruzek</b>	Outreach Coordinator
<b>Steve Lawler</b>	Resource Specialist
<b>Willis Goll</b>	Engineering Specialist
<b>Larry Callahan</b>	District Technician

## **Goal 1—Flood Control**

*CRWD Water Plan—4.1 and 4.11*

### **Legislative and Partner Collaboration**

- Pursue funding to establish the CIP projects
- Work with local legislators and DNR Flood Mitigation managers to secure funding through Bonding resources

### **Permitting Program**

- Implement the CRWD Permit Program
- Provide staff to answer questions on the permit program and assist with application process
- Continue to develop the program and deliver program with the interpretation and spirit of the rules, as developed as part of the CRWD mission.

### **Soil Health for Flood Damage Reduction**

- Pursue modeling partnership with DNR to develop GSSHA model for measuring soil health practices and documenting flood control benefits associated with it
- Implement soil health practices and provide technical support and education for land-owners to assess, as they look to transition into those practices

### **Identify Sites for Extended Detention—CIP Plan**

- Continued identification of storage sites and potential for extending detention times for those sites
- Implement sites identified in the Capital Improvement Plan (CIP)

## **Goal 2— Develop Cedar River, One Plan 1W1P**

*CRWD Water Plan—4.1 and 4.11*

### **One Watershed, One Plan 1W1P**

The Cedar River watershed has a great opportunity to collaborate with partners in the development of a watershed based plan for the entire basin. The Project will initiate in 2017 and target completion in 2019

- Sue Olson will represent the CRWD on the Cedar River Planning Policy Committee
- District Administrator will serve as Planning Work Group member
- Board and staff will actively participate in the plan development and represent the district mission and goals in the planning process



## **Goal 3—Water Quality, Erosion and Sediment Control**

*CRWD Water Plan—4.2, 4.4 and 4.11*

### **Provide Quality Technical Assistance**

- Develop cost effective and site appropriate conservation practices. Provide quality training for staff.
- Train technical staff and provide opportunities for those staff to increase Technical Approval Authority, as experience dictates
- Partner with SWCD to provide efficient technical support to the district

### **Pursue Grants**

- Link water quality improvement projects to implementation strategies through watershed plans and comprehensive water plan/SWCD plan.
- Develop and coordinate competitive grants that include Federal, State, Local and Private Foundations.

### **Responsive To Landowner and Public Needs**

- Develop annual outreach strategy to encourage participation in voluntary conservation programs.
- Support local National Water Quality Initiative to provide federal farm bill funding for targeted projects in Dobbins .

### **Water Monitoring**

- Monitor 10 sites in the CRWD, as part of the annual monitoring plan

### **Dobbins Targeted Watershed Restoration Implementation**

- Promotion of practices, in implementation of project plan
- Coordinate with U of M, to maintain monitoring stations associated with 319 grant partnership

### **National Water Quality Initiative (NWQI) USDA Partnership**

- Dobbins Creek Watershed
- Utilize \$123,000 of project funding for Dobbins Watershed

### **Public/Partnerships**

- Build relationships with public ag groups working in Cedar Watershed and capitalize opportunities to work together on conservation delivery
- Continue with pilot project, working with Environmental Initiative, Land O Lakes, CFS, Hormel, MDA and local landowners

## Goal 4—Agriculture and Urban Drainage Systems

*CRWD Water Plan—4.3*

### Implementation of District Capital Improvement Plan Target Goals

The CRWD is implementing a 25 project plan in the in the district, to improve water quality benefits to the land and provide storage opportunities on the landscape. This is the second year of the project. Below is a matrix of the Phase I project targets for 2018

Project Table for CIP Goals in 2018										
Pri- ority	Project ID	Landown- er Co-op	Project Design/ Est	Secure Funding	Complete Plans	Permits	Bids	Construc- tion	Certify Complete	Monitor- ing
1	Cedar Rvr –22	X	X	X	X	X	X	X	X	X
2	Cedar Rvr -20	X	X	X	X	X	X	X	X	X
3	Dbbn-1(Downtown)	X	X	X	X	X	X	X	X	
4	Dbbn-13 (Upstream)	X	X	X	X	X	X	X	X	
5	Dbbn -33	X	X	X						
6	Dbbn-41	X	X	X						
7	Dbbn-15	X	X	X	X	X	X	X	X	X
8	Dbbn-37	X	X	X	X					
9	Dbbn-15	X								
10	Dbbn– 8	X	X	X	X	X				
11	Dbbn-10									
12	Dbbn-14	X	X	X	X					
13	Dbbn-3	X								

Phase II of the project includes an additional 12 projects that have been identified for implementation. In the upcoming year, the CRWD will be focusing on the priority projects listed above and begin work on the next phase, once the Phase I projects are further developed.



## **Goal 5 - Wetlands, Natural Resources, Land Use, Habitat and Shoreland Management**

*CRWD Water Plan Goals 4.5, 4.6 and 4.7*

### **Pursue Water Storage Program**

- Work with State Legislators, MAWD, MASWCD, BWSR and other partners to develop a statewide water storage program
- Educate the stakeholders on the multi benefit approach to water storage for water quality and habitat development
- Pursue opportunities to study and quantify water storage on in stream flows and habitat degradation through flood flows

### **Conservation Reserve Enhancement Program**

- Support the SWCD in the delivery of the CREP program and promotions of sign-ups
- Provide financial or engineering support on projects that partner with CRWD

### **Buffer Law**

- Coordinate with Mower SWCD to finish the buffer law obligations in Cedar River Watershed District and provide outreach to ag partners on updates
- Support landowner communication and dialogue that establishes buffers that will provide shoreland benefits for water quality and habitat development.

## **Goal 6—Groundwater**

*CRWD Water Plan Goals 4.5, 4.6 and 4.7*

### **City of Brownsdale Protection**

- Support the City of Brownsdale in their pursuit of groundwater protection measures, in and around the City. The Community is challenged with high nitrates in groundwater sources

### **Groundwater Quantity and Quality**

- Monitor Groundwater use in the Cedar River, for changes in water quality/quantity

### **Protect groundwater resources for water quality as well as quantity**

- Promote and provide public education on lawn and ag fertilizers, proper waste water treatment and nutrient infiltration into the groundwater.
- Continue to work with partner agencies to assure groundwater protection and health with increased groundwater usage.

### **Nitrogen Fertilizer Management Rule**

- Communicate with MDA on developments with the rule and communicate related updates to the Watershed District public to keep them informed.

## **Goal 7—Public Outreach and Administration**

*CRWD Water Plan 4.9 and 4.10*

### **Create Opportunity for Public Input**

- Ensure the District is a transparent organization that offers opportunity for public participation and feedback.

### **Comprehensive Education Outreach Plan**

- Maintain an education plan, to engage, lead and educate on all of the projects and initiatives of the SWCD
- Identify new members of the community who are not traditional stakeholders and find ways to engage them in our work
- Work with the Vision 2020 Committee to educate the committee members and bring the programs and opportunities that we offer to the committee.
- Work Closer with local co-ops and seed dealers to participate and be a stakeholder at their events.
- Utilize TV and radio opportunities
- Provide staffing for public presentation opportunities within the work area
- Provide monthly media content to keep the message in the public

### **Engage Citizens Using Social Media Platforms**

- Establish a Facebook page for SWCD
- Revamp the district website and incorporate updates

### **Recognize Citizen Accomplishments**

- Continue the Conservation Partner award
- Continue School program to recognize youth leadership in conservation.

### **Administrative Goals**

- Apply statutory authorities in that protect, enhance safety, commerce and natural resources
- Implement Watershed rules and programs in accordance with 103D
- Provide public transparency of projects and financial reports through various outreach methods and website



2018 Budget	
<b>Revenues</b>	
Property Tax	
Administrative Levy	\$ 250,000.00
Project Levy	\$ 100,000.00
<b>Subtotal</b>	<b>\$ 350,000.00</b>
Clean Water Partnership Loan	
Current Tax Revenue	
Property Tax Credits	\$ 2,500.00
CRWD Project Match/Fund Balance	\$ 10,145.00
State Revenues	
Dobbins 319 Grant	\$ 40,000.00
Dobbins CWF 2014-2018	\$ 500,000.00
2016 CWF Grant	\$ 400,000.00
Interest Income	\$ 1,000.00
Permitting Revenue	\$ 500.00
Other Income	
Other Misc Income	
Work Comp/Insurance Dividend	\$ 500.00
Hormel Foundation - CIP	\$ 500,000.00
DNR Flood Mitigation (Bonding) - CIP	\$ 500,000.00
<b>Subtotal</b>	<b>\$ 1,954,645.00</b>
<b>Total Revenues</b>	<b>\$ 2,304,645.00</b>



### District Capital Improvement Plan and Project Levy

The CRWD is in year two of a project levy. The levy calls for \$1.0 Million in local funds to provide match to implement an \$8.4 Million CIP. The Levy is part of a plan to implement 25 projects, over the next several years. Current funding involves commitments from the State through Clean Water Fund and Bonding appropriations. The Hormel Foundation has also committed \$3.2 Million towards the project. Below are the planed phases for implementation.

Capital Improvement Plan - Costs and Partnering Contributions					
PHASE	Vision 2020	CRWD	State Clean Water Grants	State Bonding	Total
I	\$1,350,000	\$400,000	\$600,000	\$1,600,000	\$3,950,000
II	\$1,850,000	\$600,000	\$2,000,000		4,450,000
Total	\$3,200,000	\$1,000,000	\$4,200,000		\$8,400,000

<b>Expenses</b>	
Personnel	
Manager Compensation	\$ 7,500.00
Contract for Services - Administration	\$ 65,000.00
Contract for Services - CIP	
<b>Subtotal</b>	<b>\$ 72,500.00</b>
Training/Travel Expenses	
Manager Expenses	\$ 2,500.00
Staff Expense	\$ 500.00
MAWD Sponsored Meetings/training	\$ 2,000.00
Training & Education	\$ 1,500.00
Advisory Committee Expense	\$ 500.00
<b>Subtotal</b>	<b>\$ 7,000.00</b>
Administrative Expenses	
Audits	\$ 3,000.00
Bank Charges	
Copier Agreement	\$ 450.00
Dues	\$ 6,000.00
Equipment	\$ 1,000.00
Insurance & Bond	\$ 2,750.00
Legal Fees	\$ 5,000.00
Legal Notices	\$ 1,000.00
Legislative Consulting	
Misc Expenses	\$ 800.00
Multi Media	
Postage	\$ 1,000.00
Professional Fees	\$ 1,000.00
Supplies	\$ 700.00
Workers Comp.	\$ 800.00
Engineering/Technical Services	
General	\$ 10,000.00
SE JPB Engineering	\$ 1,000.00
H & H Model - CRWD	\$ 11,400.00
Permit Review	
Misc. Engineering/Maps & Data	
Project Manager	\$ 19,745.00
Technical Services	\$ 30,000.00
<b>Subtotal</b>	<b>\$ 72,145.00</b>
Clean Water Partnership Loan	
Watershed Projects	
Match for Watershed Projects	
Dobbins 319 Grant Expenses	\$ 40,000.00
Dobbins Creek Watershed Project	\$ 500,000.00
Dobbins Creek Project Match	\$ 50,000.00
2016 Clean Water Fund CIP	\$ 400,000.00
DNR Flood Mitigation	\$ 500,000.00
Hormel Foundation CIP	\$ 500,000.00
Dodge County Project	
Rock Inlet Projects	
River Clean Up	\$ 1,000.00
<b>Subtotal</b>	<b>\$ 1,991,000.00</b>
Water Monitoring	
Personnel (SWCD)	\$ 5,000.00
Mileage	\$ 500.00
Lab Costs-CRWD	\$ 7,500.00
Shipping	\$ 500.00
Monitoring Equipment	\$ 1,000.00
319 Grant Monitoring	
<b>Subtotal</b>	<b>\$ 14,500.00</b>
Equipment Purchases	
Public Education/Outreach	
Public Outreach Position	\$ 20,000.00
Web Site	\$ 1,000.00
Public Info and Education	\$ 3,000.00
<b>Subtotal</b>	<b>\$ 24,000.00</b>
10 Year Project Levy- Deferred for Future Projects	<b>\$ 100,000.00</b>
<b>Total Expenses</b>	<b>\$ 2,304,645.00</b>
<b>Total Revenues</b>	<b>\$ 2,304,645.00</b>
<b>Total Expenditures</b>	<b>\$ 2,304,645.00</b>
<b>Fund Balance + or ( )</b>	<b>\$ -</b>