



SERVING CARVER
COUNTY SINCE 1946

Mission Statement: Providing high quality assistance to the land managers and citizens of Carver County for the protection of land and water resources.

11360 Highway 212, Suite 6
Cologne, MN 55322

Phone: (952) 466-5230

Fax: (952) 466-2070

<http://www.co.carver.mn.us/swcd>

Minutes of the May 21, 2020 Board meeting for the Carver Soil & Water Conservation District conducted via video teleconference due to COVID-19 concerns.

Board Members Present:

Chair, Mark Zabel (present via video teleconference)
Vice Chair, Stanley Wendland (present via video teleconference)
Secretary/Treasurer, Jeffrey Sons (present via video teleconference)
Member, Robert Burandt (present in SWCD office)
Member, Marcus Zbinden (present via video teleconference)

SWCD Staff Present:

District Manager, Mike Wanous (present in SWCD office)
Administrative & Finance Specialist, Felicia Brockoff (present in SWCD office)

Other Attendees:

Carver County Planning & Water Management, Paul Moline (present via video teleconference)
NRCS Le Sueur County District Conservationist, Steve Breaker (present via video teleconference)

1. Call to Order

Chair Zabel called the meeting to order at 8:05 a.m.

2. Roll Call

Mike Wanous requested roll call. Supervisors Burandt, Sons, Wendland, Zabel, and Zbinden were all present.

3. Agenda review and adoption

Mike explained that one more pollinator cost-share application (Zellner in Chanhassen) was received late yesterday afternoon that was added to the consent Agenda. Wendland moved, Zbinden seconded to approve the May 21, 2020 Agenda with the added cost-share application. On roll call vote Burandt, Sons, Wendland, Zabel, Zbinden all voted aye. Motion carried.

4. Consent Agenda.

Zbinden moved, Wendland seconded, to approve the following consent agenda items:

- a. Approval of April 16, 2020 meeting Minutes
- b. Acceptance of the April Treasurer's Report
- c. South Fork Crow River 1W1P planning grant letter of support.
- d. Approval of pollinator cost-share applications:
 - 1) Van Der Pol - \$1,000 Cost-Share assistance
 - 2) Knopp (Carver Landing) - \$611.75 Cost-Share assistance
 - 3) Zellner - \$585 Cost-Share assistance

On roll call vote Burandt, Sons, Wendland, Zabel, Zbinden all voted aye. Motion carried.

5. Carver County Report

Paul Moline reported the WMO Advisory Committee held a WebEx meeting, which went well. They approved the direct discharge program to replace septic systems in the Crow River area. Applicants will receive a \$2,000 incentive to replace failing systems. The next Advisory Committee meeting will be held Tuesday, Agenda topics include permitting program updates, WMO projects for next year, as well as the budgeting process. Paul reported the County Board will be discussing the 2021 budget next week.

The WMO only received 3 capital improvement cost-share requests, all from the City of Waconia. Paul also reported Carver County is in Phase 1 of reopening facilities. People can make appointments and come into the various County buildings. The Environmental Center will be open next week. The aquatic invasive species (AIS) program started inspections on the fishing opener, which went well.

6. NRCS Report

Steve Braeker reported on the EQIP program. Approvals should be completed in July, with obligations completed by mid-August. He also reported there were 36 general CRP contracts in Carver County, with 40 continuous contracts. There is a summer intern doing the field inspections for the Carver County contracts. He also reminded the Board the local work group meeting is scheduled immediately following the June Board meeting.

7. SWCD Monthly Report

Staff reports were reviewed and discussed at this time.

8. Board of Supervisors Announcements

- a. Chair Zabel reminded the Board that any resolutions Carver SWCD would like to put forward, would need to be approved at the June Board meeting, so they can be submitted to MACD for approval at the June 25 meeting.
- b. SWCD Supervisor candidate filing period is May 19-June 2. District's 2 (Zbinden) & 4 (Burandt) are up for election in 2020. Both Zbinden and Burandt plan to file again.
- c. Mike again reminded the SWCD Board the NRCS local work group meeting will be after the June Board meeting. He suggested we have the start time at 9:00 a.m. Chari Zabel stated if the SWCD meeting isn't over by then, we can recess the SWCD Board Meeting, and start the local work group meeting. We will schedule the meeting in conference room 1 if anyone wishes to attend in person. This will allow plenty of room to be spaced out.

9. Adjourn

Zbinden moved, Wendland seconded to adjourn the meeting at 9:01 a.m. On roll call vote Burandt, Sons, Wendland, Zabel, Zbinden all voted aye. Motion carried.

Next Board Meeting: Thursday, June 18, 2020 at 8:00 AM
Tentative Location: Public Works Headquarters, Conference Room 1
11360 Highway 212, Cologne, MN 55322

Approved: _____

Secretary/Treasurer

Date: _____

Carver Soil & Water Conservation District
Treasurer's Report
As of May 31, 2020

Date	Num	Name	Memo	Debit	Credit	Balance
1000 Checking-Security Bank						21,997.63
05/04/2020	3164	Cardmember Services	1335		46.27	21,951.36
05/04/2020	3165	Culligan Bottled Water	114-09979618-6		49.71	21,901.65
05/04/2020	3166	Schumacher's Nursery &...	2020 Tree Order		4,787.75	17,113.90
05/04/2020	3167	HSA Bank	#W231329 April Fees		12.50	17,101.40
05/07/2020	3168	Carver Co.	Fuel for Vehicles		225.24	16,876.16
05/07/2020	3169	UFC	#103843		97.14	16,779.02
05/12/2020			Funds Transfer-249728334	25,000.00		41,779.02
05/14/2020		QuickBooks Payroll Serv...	Created by Payroll Service on 05/07/2020		14,445.16	27,333.86
05/15/2020	DD0251	Brockoff, Felicia L.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0252	Datres, Benjamin R.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0253	Finke, Aaron P.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0254	Hentges, Pernel J.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0255	Meiller, Terry J.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0256	Ristow, Seth E.	Direct Deposit	0.00		27,333.86
05/15/2020	DD0257	Wanous, Richard M.	Direct Deposit	0.00		27,333.86
05/15/2020	EFT-161	HSA Bank	41-1385530		1,026.95	26,306.91
05/15/2020	EFT-162	Minnesota Revenue	7694248		943.00	25,363.91
05/15/2020	EFT-163	MSRS	Employee Elective		90.00	25,273.91
05/15/2020	EFT-164	PERA	9103-00		3,042.07	22,231.84
05/15/2020	EFT-165	United States Treasury	41-1385530		4,967.62	17,264.22
05/18/2020	3170	Carver County	Employee Elective		208.50	17,055.72
05/18/2020	3171	Carver County	CSER-869		1,465.84	15,589.88
05/18/2020			Deposit	1,938.97		17,528.85
05/26/2020			Funds Transfer-251922836	30,000.00		47,528.85
05/27/2020	3172	Carver County	May Insurance Premium		8,505.57	39,023.28
05/27/2020	3173	Lano Equipment of Norw...	#46930 Drill Parts		6.32	39,016.96
05/27/2020			Deposit-Drill Rentals	320.62		39,337.58
05/28/2020		QuickBooks Payroll Serv...	Created by Payroll Service on 05/18/2020		14,715.16	24,622.42
05/29/2020	DD0258	Brockoff, Felicia L.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0259	Datres, Benjamin R.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0260	Finke, Aaron P.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0261	Hentges, Pernel J.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0262	Meiller, Terry J.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0263	Ristow, Seth E.	Direct Deposit	0.00		24,622.42
05/29/2020	DD0264	Wanous, Richard M.	Direct Deposit	0.00		24,622.42
05/29/2020	EFT-167	HSA Bank	41-1385530		1,026.95	23,595.47
05/29/2020	EFT-168	Minnesota Revenue	7694248		943.00	22,652.47
05/29/2020	EFT-169	PERA	9103-00		3,042.07	19,610.40
05/29/2020	EFT-170	United States Treasury	41-1385530		4,967.62	14,642.78
05/29/2020	EFT-166	MSRS	Employee Elective		90.00	14,552.78
05/31/2020			Interest	0.94		14,553.72
Total 1000 Checking-Security Bank				57,260.53	64,704.44	14,553.72
1100 Savings-Security Bank						460,642.11
05/08/2020			Deposit - Farm Bill Grant	15,549.00		476,191.11
05/12/2020			Funds Transfer-249728334		25,000.00	451,191.11
05/26/2020			Funds Transfer-251922836		30,000.00	421,191.11
05/31/2020			Interest	144.23		421,335.34
Total 1100 Savings-Security Bank				15,693.23	55,000.00	421,335.34
1150 Savings Citizens NYA						78,717.77
05/31/2020			Interest	9.70		78,727.47
Total 1150 Savings Citizens NYA				9.70	0.00	78,727.47
1200 Investments CD's						461,392.74
12.SB&T **194 (0.55%-11/27/20)						0.00
05/27/2020	2020-20		CD *055 renewed to 6 month CD *194	204,754.68		204,754.68
Total 12.SB&T **194 (0.55%-11/27/20)				204,754.68	0.00	204,754.68
12.MCB **487 (2.50%-05/10/20)						101,777.64
05/11/2020	2020-18		Cashed in MidCountry CD to 18-mo. at Se...		101,777.64	0.00
Total 12.MCB **487 (2.50%-05/10/20)				0.00	101,777.64	0.00

Carver Soil & Water Conservation District
Treasurer's Report
As of May 31, 2020

<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Memo</u>	<u>Debit</u>	<u>Credit</u>	<u>Balance</u>
12.SB&T **055 (2.35%-05/23/20)						
05/27/2020	2020-20		CD *055 renewed to 6 month CD *194		202,376.33	202,376.33
						0.00
		Total 12.SB&T **055 (2.35%-05/23/20)		0.00	202,376.33	0.00
12.MCB **903 (2.25%-04/26/21)						
		Total 12.MCB **903 (2.25%-04/26/21)				157,238.77
						157,238.77
12.SB&T **162 (1.10%-11/11/21)						
05/11/2020	2020-18		Cashed in MidCountry CD to 18-mo. at Se...	104,336.20		0.00
						104,336.20
		Total 12.SB&T **162 (1.10%-11/11/21)		104,336.20	0.00	104,336.20
		Total 1200 Investments CD's		309,090.88	304,153.97	466,329.65
TOTAL				382,054.34	423,858.41	980,946.18



Serving Carver
County Since
1946

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Treasurer's Monthly Report Program Summary - May 2020

<u>Funds</u>	Cash Balance <u>4/30/2020</u>	<u>Receipts</u>	<u>Disbursements</u>	Cash Balance <u>5/31/2020</u>
BWSR Buffer Implementation	\$32,512.10		\$430.29	\$32,081.81
BWSR District Capacity	\$321,324.15		\$9,001.43	\$312,322.72
BWSR DRAP Funds	\$11,264.62			\$11,264.62
BWSR Conservation Delivery	\$0.00			\$0.00
BWSR State Cost Share	\$50,245.51			\$50,245.51
County Ditch 6 BMP Grant	\$18,980.79			\$18,980.79
County	\$75,128.12		\$48,581.95	\$26,546.17
District	\$459,084.96	\$22,900.37	\$6,690.77	\$475,294.56
District Escrow	\$54,210.00			\$54,210.00
TOTAL	\$1,022,750.25	\$22,900.37	\$64,704.44	\$980,946.18
<u>Use of Cash</u>				
Certificates of Deposit	\$461,392.74	\$309,090.88	\$304,153.97	\$466,329.65
Checking - Security Bank	\$21,997.63	\$57,260.53	\$64,704.44	\$14,553.72
Savings - Security Bank	\$460,642.11	\$15,693.23	\$55,000.00	\$421,335.34
Savings - Citizens NYA	\$78,717.77	\$9.70		\$78,727.47
TOTAL	\$1,022,750.25	\$382,054.34	\$423,858.41	\$980,946.18

Carver SWCD Board Treasurer

Date

Carver Soil & Water Conservation District
Balance Sheet
As of May 31, 2020

	May 31, 20
ASSETS	
Current Assets	
Checking/Savings	
1000 Checking-Security Bank	14,553.72
1100 Savings-Security Bank	421,335.34
1150 Savings Citizens NYA	78,727.47
1200 Investments CD's	
12.SB&T **194 (0.55%-11/27/20)	204,754.68
12.MCB **903 (2.25%-04/26/21)	157,238.77
12.SB&T **162 (1.10%-11/11/21)	104,336.20
Total 1200 Investments CD's	466,329.65
Total Checking/Savings	980,946.18
Accounts Receivable	
1300 Accounts Receivable	758.81
Total Accounts Receivable	758.81
Total Current Assets	981,704.99
TOTAL ASSETS	981,704.99
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
2300 Sales Tax Payable	801.72
2400 Unearned-Deferred Revenue	
2402 Buffer Implementation	32,081.81
2403 CD 6 BMP Grant	18,980.79
2405 Cost-Share	50,245.51
2406 District Capacity Funds	312,322.72
2407 DRAP C/S	11,264.62
Total 2400 Unearned-Deferred Revenue	424,895.45
Total Other Current Liabilities	425,697.17
Total Current Liabilities	425,697.17
Total Liabilities	425,697.17
Equity	
3000 FUND BALANCE	547,524.11
Net Income	8,483.71
Total Equity	556,007.82
TOTAL LIABILITIES & EQUITY	981,704.99

Carver Soil & Water Conservation District
Budget vs. Actual
January through May 2020

	<u>Jan - May ...</u>	<u>Budget</u>	<u>\$ Over Bu...</u>	<u>% of Budget</u>
Income				
4000 Intergovernmental County	248,623.00	524,075.00	-275,452.00	47.4%
4100 Intergovernmental Local	5,412.67	35,000.00	-29,587.33	15.5%
4200 Intergovernmental State	81,477.91	343,500.00	-262,022.09	23.7%
4300 Charges for Services	13,190.39	18,000.00	-4,809.61	73.3%
4400 Interest Earnings	5,391.92	5,000.00	391.92	107.8%
4500 Miscellaneous Revenues	1,181.50	5,000.00	-3,818.50	23.6%
Total Income	<u>355,277.39</u>	<u>930,575.00</u>	<u>-575,297.61</u>	<u>38.2%</u>
Expense				
5000 District Operations				
5100 Personnel Services	257,874.76	609,380.00	-351,505.24	42.3%
5200 Other Services & Charges	22,884.18	57,500.00	-34,615.82	39.8%
5300 Supplies - Office & Field	92.31	3,500.00	-3,407.69	2.6%
5400 Capital Outlay	9,031.88	40,000.00	-30,968.12	22.6%
Total 5000 District Operations	<u>289,883.13</u>	<u>710,380.00</u>	<u>-420,496.87</u>	<u>40.8%</u>
5500 Project Expenses	<u>56,910.55</u>	<u>220,195.00</u>	<u>-163,284.45</u>	<u>25.8%</u>
Total Expense	<u>346,793.68</u>	<u>930,575.00</u>	<u>-583,781.32</u>	<u>37.3%</u>
Net Income	<u>8,483.71</u>	<u>0.00</u>	<u>8,483.71</u>	<u>100.0%</u>



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Felicia Brockoff

PURPOSE/ACTION REQUESTED:

Approve the 10th and final payment to KCE Farms for \$300, on 3 acres of buffers.

SUMMARY:

KCE Farms is the only landowner remaining, that is due their 10th annual payment for the buffer strip they installed through the Carver SWCD buffer program. The buffer has been inspected by the SWCD staff and remains intact.

STAFF RECOMMENDATION:

Approve \$300 payment to KCE Farms for their final buffer payment.

EXPLANATION OF FISCAL/FTE IMPACT:

None – Previously budgeted, final payment of the 10 year contract.

Supporting Documents:

Previous Board Action:

June 2019 - 9th Year Payment approved



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Terry Meiller

PURPOSE/ACTION REQUESTED:

This project repaired approximately 100' of the toe wood sod mat streambank project with rip rap on the South Fork Crow River in Camden Township.

SUMMARY:

The original streambank stabilization project was designed using toe wood sod mat to stabilize the eroding bank, protect infrastructure, as well as provide aquatic habitat. Repeated flooding events compromised a portion of the woody debris and vegetation mats which needed to be repaired. Rip rap was placed on approximately 100' to repair the portion that had failed.

STAFF RECOMMENDATION:

Recommend full payment of \$21,430 to Schneider Excavating for the rip rap repair. During construction SWCD technician approved work to be completed over the \$15K allowance as the eroded portion had grown in size due to additional flooding. Staff approved an additional 72 C.Y. of rock/clay fill to adequately complete the project.

EXPLANATION OF FISCAL/FTE IMPACT:

DRAP Funds Remaining: \$11,264.62 – this uses the remainder of the DRAP Funds
District Capacity Funding: \$10,165.38 – funds will come out of the FY2017 Riparian Zone Mgmt.
TOTAL COST: \$21,430.00

Supporting Documents:

- Fact Sheet
- Schneider Excavating Invoice

Previous Board Action:

February 20, 2020 SWCD Board approved use of remaining DRAP Funds, as well as District Capacity funds to repair this project.



CAMDEN TOWNSHIP
STREAMBANK STABILIZATION

T 1 1 6 N . — R 2 6 W . — S E C . 1 8
CAMDEN TOWNSHIP

Practice:

Streambank Stabilization

Benefits:

- Reduced Soil Loss and Erosion.
- Improved Water Quality
- Streambank Stabilization
- Habitat Improvement

Watershed:

South Fork Crow River

Construction:

Reshaping and rip-rap placement occurred in May 2020

Funding:

\$21,430.00

Reshaping/Riprap work following flood events.

Funding Sources

DRAP Funds:

\$11,264.62

District Capacity Funds:

\$10,165.38



Project:

This project repaired approx. 100 feet of the toe wood sod mat streambank project with rip rap on the South Fork Crow River in Camden Township, MN.

The original streambank stabilization project was designed using toe-wood sod mat to stabilize the eroding bank, protect infrastructure as well as provide aquatic habitat. Repeated flooding events compromised a portion of the woody debris and vegetation mats which needed to be repaired. Rip rap was placed on approximately 100' to repair the portion that had failed.

Carver County Soil and Water Conservation District

11360 Highway 212, Suite 6

Cologne, MN 55322

(952) 466-5230 | www.co.carver.mn.us/swcd





CAMDEN TOWNSHIP
STREAMBANK STABILIZATION

T 116 N. — R 26 W. — SEC. 18
CAMDEN TOWNSHIP





PO Box 814
 Norwood, MN 55368 US
 9524672659

INVOICE

BILL TO

Carver County Soil &
 Water
 11360 US Hwy 212
 Cologne, MN 55322

INVOICE # SE2127

DATE 05/18/2020

TERMS Net 30

DATE	ACTIVITY	QTY	RATE	AMOUNT
05/11/2020	Streambank Repair Crow River streambank repair Camden Twp			
05/11/2020	Streambank Repair Rock/Clay fill - 154 Cubic Yards	226	55.00	12,430.00
05/11/2020	Streambank Repair 90 Cubic Yards of RipRap limestone	90	100.00	9,000.00

THANK YOU FOR YOUR BUSINESS!!!!

BALANCE DUE

\$21,430.00

Monthly Finance Chg 2%
 Annual Finance Chg 18%



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Mike Wanous

PURPOSE/ACTION REQUESTED:

Approve cost-share contract amendment for Hiram Grimm.

SUMMARY:

The original cost-share contract with Hiram Grimm stated a max 75% cost-share reimbursement. This amendment would increase the CD#6 Drainage Management grant percentage to 77% of the total cost.

STAFF RECOMMENDATION:

Staff recommends approving the amendment to the cost-share contract to 77%.

EXPLANATION OF FISCAL/FTE IMPACT:

This will use the remainder of the CD#6 Drainage Management grant as planned.

Supporting Documents:

None

Previous Board Action:

- 4/18/19 Original contract approved.
- 12/19/19 Contract completion date extended

AMENDMENT TO CONSERVATION PRACTICE ASSISTANCE CONTRACT

Organization Carver SWCD	Contract Number CD6-CWF-04	Amendment Number 2 Board meeting date: <u>6/18/2020</u>	Amendment Type Date: <input type="checkbox"/> Amount: <input checked="" type="checkbox"/> Land Occupier: <input type="checkbox"/> Practice: <input type="checkbox"/> Other: <input type="checkbox"/>
--	--	---	---

Amendment requests that are received outside the executed State grant agreement date, outside the contract practice install date, or grant program policies BWSR staff must be consulted and a grant agreement amendment may be required.

State Grant Agreement Expiration Date: 12/31/2020 Original Contract Install Date: 12/31/2019

Amended Contract Install Date (if applicable): 06/01/2020

The parties whose names are signed below hereby agree that the above-referenced Conservation Practice Assistance Contract is amended as follows:

IT IS AGREED THAT:

This amendment will adjust the financial assistance authorized under the conservation practice assistance contract to 77% for contributing funds towards the project.

The original contract, as numbered, shall remain in full force and effect, except for those changes made necessary by this amendment.

This amendment is to take effect on the date of the last signature hereto.

Date	Land Occupier
6/8/2020	
Date	Landowner, if different from applicant

Technical Assessment and Cost Estimate

I have viewed the site where the above listed are to be installed and find that they are needed, and that the amended estimated quantities, costs or completion date described above are practical and reasonable.

Date	Technical Representative
6/8/2020	

Organization Approval

Board Meeting Date	Authorized Signature
6/18/2020	

***Attach this form to the Conservation Practice Assistance Contract**



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Mike Wanous

PURPOSE/ACTION REQUESTED:

Approve final payment of Hiram Grimm side inlet projects from CD#6 Drainage Management grant.

SUMMARY:

The side inlet projects on the Hiram Grimm farm are completed. The previous request for board action was an amendment to the contract, this request for board action is to issue the final payment to Hiram Grimm for installation of the BMP's. Six side inlets were installed along County Ditch #6 to eliminate gully problems. The fact sheet can be found on the following pages.

STAFF RECOMMENDATION:

Staff recommends approving the final payment to Hiram Grimm in the amount of \$30,721.72 which will complete the County Ditch 6 Grant.

EXPLANATION OF FISCAL/FTE IMPACT:

This will use the remainder of the CD#6 Drainage Management grant as planned.

Supporting Documents:

Fact sheet on the following pages.

Previous Board Action:

- 4/18/19 Original contract approved.
- 12/19/19 Contract completion date extended

PERCENT BASED - VOUCHER AND PRACTICE CERTIFICATION FORM

PAYEE AND COST INFORMATION

Name: Hiram Grimm
 Address: 12985 County Rd. 41
 City, State, Zip: Cologne, MN 55322
 Contract No.: CD6-CWF-04 Total Amount Authorized: \$30,721.75
 (from contract)

Item	Quantity	Unit	Unit Price	Cost
<i>*See Wickenhauser Invoice for 2019 Water &</i>				
Sediment Control Basins	1	JOB		\$18,621.27
				\$0.00
<i>*See Wickenhauser Invoice for 2020 Water &</i>				
Sediment Control Basins	1	JOB		\$21,216.20
				\$0.00
				\$0.00
PROJECT COST:				\$39,837.47

CHECK BOX I certify that this is an accurate and true summation of the actual costs and quantities of material, labor, and equipment used on the above project. In cases where the receipts included items not used on the project, I have corrected them accordingly. OR this is an accurate and true summation

Hiram Grimm

6/9/2020

Payee Signature

Date

PAYMENT AND CERTIFICATION INFORMATION

- A. Type of request (partial or final): FINAL
- B. Total cost of practice (if final): \$39,837.47 77% % approved
- C. Eligible amount (total cost x % approved): \$30,721.75 (from contract)
- D. Total other state and federal payment amount: \$6,300.00
- E. Total previous partial payments: \$0.00
- F. Maximum payment amount (C - D - E) \$30,721.75

Amount Approved for This Voucher:
 (cannot exceed Total Amount Authorized)

\$30,721.75

Technical Certification

I certify that an inspection has been performed and as-built received and that the items identified under the Cost Information section of this form have been completed and are in accordance with the requested practice standards and specifications.

[Signature]
 Technical Representative

6/9/2020
 Date

Administrative Certification

I certify that I have reviewed this voucher and all supporting information, including invoices and paid receipts, and that to the best of my knowledge and belief, the quantities and billed cost or disbursements are accurate and are in accordance with terms of the contract identified.

Administrative Sign-off

Date

Carver SWCD Board Payment Approval

On behalf of the Carver SWCD Board of Supervisors, I certify that payment has been authorized by the SWCD Board, based on the Technical and Administrative certifications, and the documentation presented to the Board on the date signed.

Carver SWCD Board Representative

Date



HIRAM GRIMM
WATER AND SEDIMENT
CONTROL BASINS (638)

T 1 1 5 N. — R 2 4 W. — SEC. 1 8
DAHLGREN TOWNSHIP

Practice:

Water and Sediment Control Basins (6)

Benefits:

Reduced Soil Loss and Erosion.

Improved Water Quality.

Gully Stabilization

Watershed:

Bevens Creek

Construction:

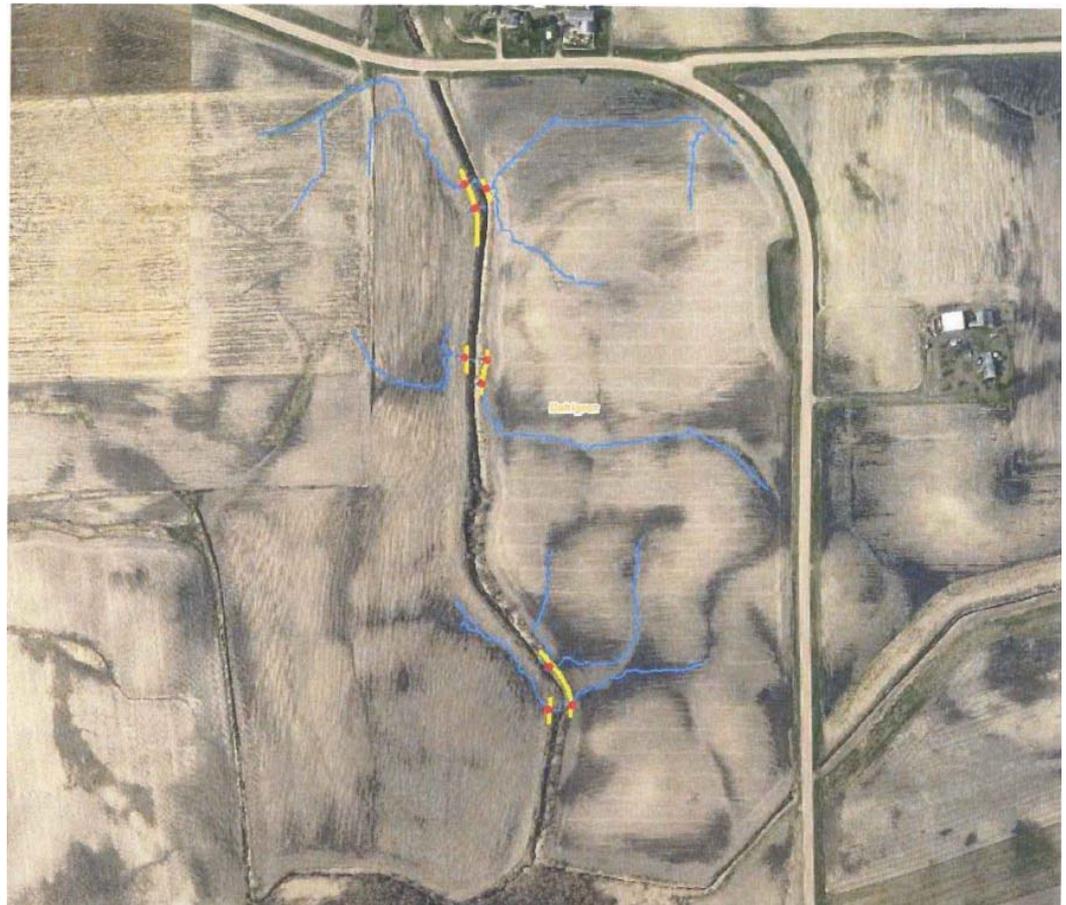
Spring 2019/2020

Funding:

Total Cost of Project:
\$39,837.47

CD6 CWF Grant =
\$30,721.75

Buffer Grant =
\$6,300 (paid 12/20/19)



Project:

The purpose of this project is to complete 6 Side Inlets (Water and Sediment Control Basins) and underground outlets to treat active gullies along the bank of County Ditch 6, a direct tributary to Bevens Creek.

Construction of the WASCB's were designed using NRCS standard 638 and will result in an estimated annual reduction of 10.5 tons of sediment and 11.4 lbs of phosphorus from entering CD 6 as a result of this project. Approximately 1,990 linear feet of berm (0-4' fill height) with inlet risers were constructed in 2019 and 2020.

Carver County Soil and Water Conservation District

11360 Highway 212, Suite 6

Cologne, MN 55322

(952) 466-5230 | www.co.carver.mn.us/swcd





HIRAM GRIMM
WATER AND SEDIMENT
CONTROL BASINS (638)

T115N.—R24W.—SEC. 18
DAHLGREN TOWNSHIP



Wickenhauser Excavating, Inc.
13650 County Road 41
Cologne, MN 55322 US
(952) 466-2231
Don@wickenhauserdemox.com

INVOICE

BILL TO

Hiram Grimm
12985 Co. Rd. 41
Cologne, MN 55322

INVOICE # 4063
DATE 12/16/2019
DUE DATE 01/05/2020
TERMS Net 20

DESCRIPTION	QTY	RATE	AMOUNT
Water & Sediment Control Basins Invoice for percent of work done in 2019			
Mobilization of equipment to job site.	0.50	400.00	200.00
Salvaging and spreading topsoil	557.50	5.70	3,177.75
Remove existing 15" CMP	1	60.00	60.00
Compacted Earth fill, Class C	1,353	6.40	8,659.20
12" Prefabricated Inlet, 4' length	1	240.00	240.00
24" Dia x 4' Inlet	1	1,482.00	1,482.00
24" Dia x 5.5' Inlet	1	1,517.00	1,517.00
Anti-seep Collar, 6'x6'	2	230.00	460.00
6" CPE Channel Tile, Perforated	300	2.58	774.00
8" CPE Tile, Non-Perforated	66	3.90	257.40
15" HDPE Dual Wall, w/ Rodent Guard	40	17.40	696.00
18" HDPE Dual Wall, w/ Rodent Guard	34	22.48	764.32
10" CMP, 16ga, w/ Rodent Guard	12	27.80	333.60

BALANCE DUE **\$18,621.27**

Wickenhauser Excavating, Inc.
 13650 County Road 41
 Cologne, MN 55322 US
 (952) 466-2231
 Don@wickenhauserdemox.com

INVOICE

BILL TO

Hiram Grimm
 12985 Co. Rd. 41
 Cologne, MN 55322

INVOICE # 4113

DATE 05/21/2020

DUE DATE 06/10/2020

TERMS Net 20

DESCRIPTION	QTY	RATE	AMOUNT
Water & Sediment Control Basins Invoice for Percent of work done in 2020			
Mobilization of equipment to job site.	0.50	400.00	200.00
Salvage and spread topsoil	557.50	5.70	3,177.75
Compacted earth fill	831	6.40	5,318.40
8" Prefab inlet	1	92.00	92.00
10" Prefab inlet	1	128.00	128.00
36" Inlet	1	1,710.00	1,710.00
Anti-seep collar	3	230.00	690.00
6" Channel tile	350	2.58	903.00
8" CPE Tile	55	3.90	214.50
8" CPE Tile	26	3.90	101.40
24" HDPE Dual Wall with rodent guard	60	36.30	2,178.00
10" CMP with rodent guard	24	27.80	667.20
Disc Crimped Mulch	30,573	0.15	4,585.95
Seeding and Fertilizing	1.50	833.33	1,250.00

BALANCE DUE

\$21,216.20



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Mike Wanous

PURPOSE/ACTION REQUESTED:

Adopt 2020 Annual Plan of work for Watershed Based Implementation.

SUMMARY:

Annual work plans are required by BWSR for Metro SWCD's to request funding through the Watershed Based Implementation Funding program.

The Carver SWCD Board has previously reviewed and approved this plan (that was technically approval to send to BWSR for review) BWSR has now reviewed and approved this plan. The SWCD board must formally approve the plan after BWSR approval.

STAFF RECOMMENDATION:

Staff recommends approval of the annual work plan.

EXPLANATION OF FISCAL/FTE IMPACT:

None

Supporting Documents:

BWSR approval letter
2020 Annual Plan of Work

Previous Board Action:

December 2019 – approve sending WBIF plan to BWSR; January 2020 approve full report and plan

May 15, 2020

Mr. Mike Wanous
District Manager
Carver Soil and Water Conservation District
11360 Highway 212, Suite 6
Cologne, MN 55322

This letter is to inform you that the Carver Soil and Water Conservation District's (District) Annual Work Plan for Metro Watershed-based Implementation Funding is approved by the Board of Water and Soil Resources (BWSR).

The District's Annual Work Plan for Metro Watershed-based Funding meets the requirements as specified in the FY20-21 Interim Process: Metro Soil and Water Conservation District Annual Work Plan for Watershed-based Implementation Funding guidance document dated January 22, 2020. The District provided partner watershed organizations an opportunity to provide feedback/input from March 2, 2020 to March 31, 2020. No comments were received.

Steve Christopher, BWSR Board Conservationist, and Barb Peichel, BWSR Clean Water Specialist, have reviewed the District's Annual Work Plan and provided comments to the District. The District made requested changes. Mr. Christopher and Ms. Peichel recommended approval.

As a final step, the District Board must adopt the annual work plan.

Please contact Steve Christopher, Board Conservation, if you have any additional questions.

Sincerely,

Kevin D. Bigalke

Kevin D. Bigalke
Assistant Director for Regional Operations

CC: Steve Christopher, BWSR
Barb Peichel, BWSR

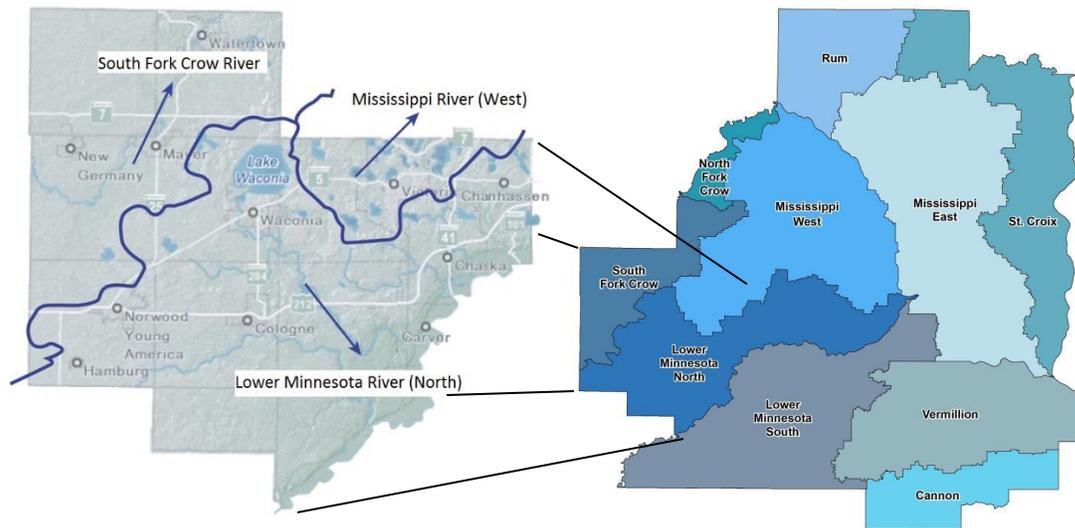
III. WATERSHED-BASED IMPLEMENTATION FUNDING

A. Purpose Statement

As part of the 7-county metro Watershed-Based Implementation Funding (WBIF) process, SWCD’s within the 7-county metro area have the option to develop an annual plan that details potential projects and programs that should be considered for potential funding utilizing WBIF dollars (a ranking and scoring process will occur with other local LGU’s). This section will identify projects Carver SWCD may pursue through the WBIF process.

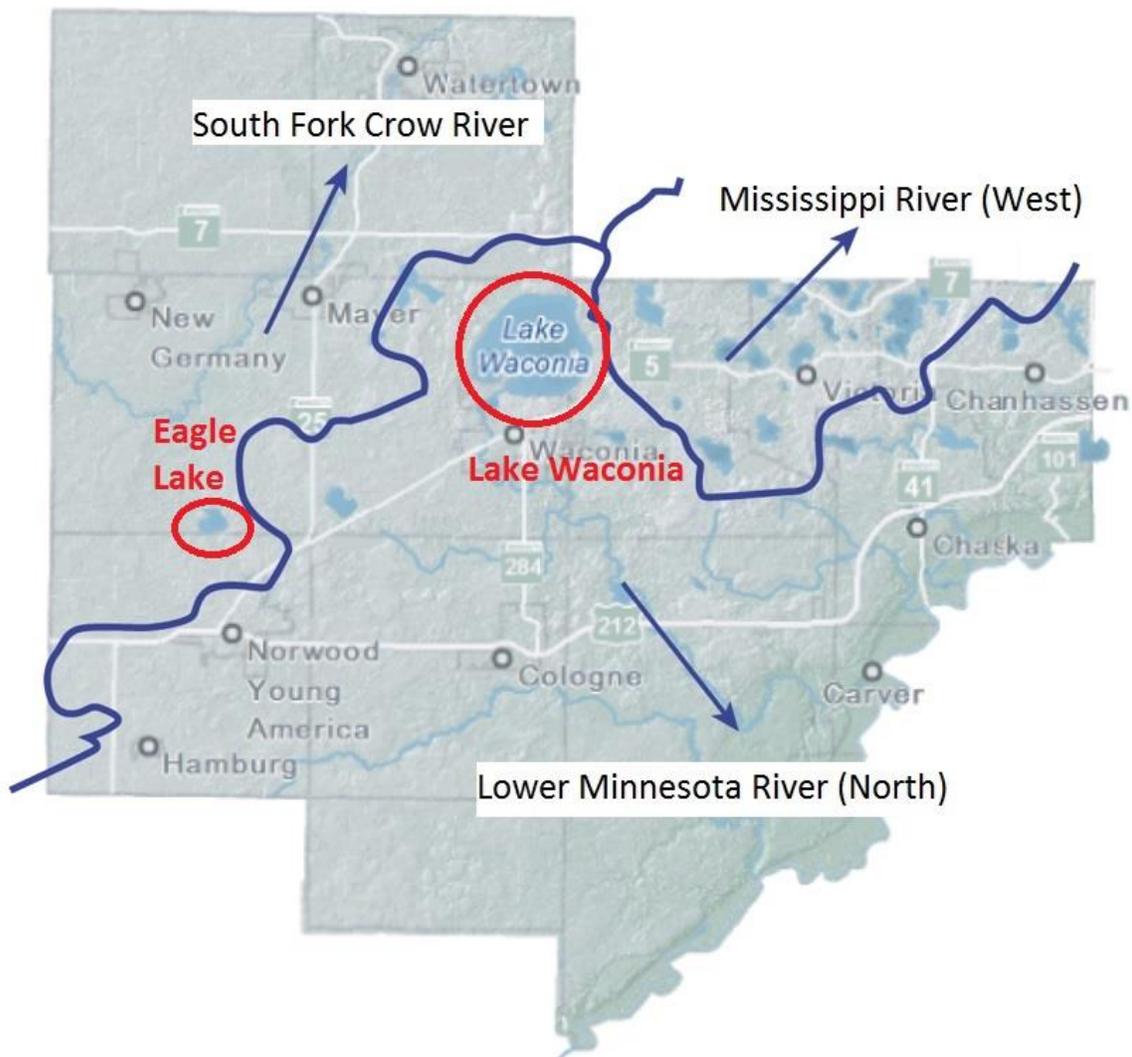
B. Prioritization of Issues and Resources

The Watershed-Based Implementation Funding process will make funds available for each major watershed basin within the 7-county metro area. The Carver County major watershed basins are identified on the map below:



Within each of the major watersheds, the priority resource issues are very similar with surface water quality protection and improvement being the highest priority. The eastern half of the county is quickly being developed and urban stormwater BMP’s are needed. The western half of the county is primarily agriculture and ag BMP’s are needed in this area. The SWCD strongly believes wetland restorations are important county wide as they help to mimic natural hydrology and reduce peak runoff events. The SWCD is actively promoting the Conservation Reserve Enhancement Program (CREP) to restore marginal cropland back to wetlands. The SWCD Comprehensive Plan identifies strategies to implement conservation programs during the 2016 – 2025 timeframe.

For the purposes of WBIF, the Carver SWCD is prioritizing two water bodies – Eagle Lake and Lake Waconia. The SWCD Comprehensive Plan identifies implementation of Ag BMP's in Section IV, Agriculture Conservation Practices Objectives. In addition, the WMO identifies these 2 lakes as Priority 1 Lakes (highest) in the most recent Water Plan (page 5.16).



Eagle Lake is located in the South Fork Crow River major watershed and has a completed TMDL. The SWCD completed a Sub-Watershed Analysis (SWA) for the area draining into Eagle Lake. The SWA identified location and cost/benefit analysis of best management practices that could be installed to improve water quality draining into the lake.

Lake Waconia is located at the headwaters of Carver Creek which drains to the Minnesota River. Lake Waconia is a locally significant water body that is on the verge of being impaired. The SWCD completed a SWA for the rural areas draining into Lake Waconia. The SWA identified BMP's that could be installed and provided a cost/benefit analysis for the BMP's.

C. Method of Targeting

The entire SWA process is an in-depth targeting process. The SWA pinpoints locations of BMP's, identifies the best BMP for that particular location, and provides a cost/benefit analysis for the BMP. The potential BMP implementation table is ranked according to cost per pound of phosphorus. Landowner willingness to install the BMP is the only unknown factor, but if the landowner is not willing to implement, the next highest scoring project will be pursued.

The SWA method of targeting is described below: (from the SWA reports)

Step #1: Project Scoping

Designating an impaired water body and its subsequent subwatershed to analyze is the first step in the assessment process. Water quality monitoring data, non-degradation report modeling, and TMDL studies are just a few of the resources available to help determine which water bodies are a priority. Assessments supported by a Local Government Unit with sufficient capacity (staff, funding, available GIS data, etc.) to greater facilitate the assessment also rank highly.

Step 2: Desktop Analysis

The purpose of the desktop analysis was to narrow the amount of field reconnaissance and other time-consuming tasks that would be needed to complete the SWA by identifying and prioritizing those areas within the subwatershed that likely yield the greatest pollutant (phosphorus) load. To accomplish this, the process of hydrologic conditioning was performed to modify the elevation values in the raw "bare earth" DEM raster through GIS processing to make the DEM more suitable for most hydrologic analyses. The modification process involves breaching digital dams and elevating user defined sinks to ensure that water flow paths are accurately represented in the conditioned DEM.

Depressional areas (sinks, wetland, and potholes) are a naturally occurring feature in much of Carver County's landscape. During runoff events the runoff volume to the depressional area is not contributed downstream until the runoff exceeds the depressional area volume. If the runoff volume did not exceed the depressional area volume, the area was categorized as non-contributing. For the purpose of this study, non-contributing areas were defined as areas that contained the runoff from a 10-year recurrence, 24-hour runoff event. This event was defined as 4.2 inches of precipitation. All depressional areas determined to be contributing were adjusted by elevating their elevation values to create a continuous flow path that traverses through the depressional area.

The LiDar-derived DEM was used to develop a spatial dataset of potential drain tile inlet locations in the non-contributing areas. The depressional areas within the HydroDEM were screened by their physical attributes including surface area, depth, and drainage area to filter the minor depressions that are not typically drained with subsurface features. If a depressional area had any area classified as cropland (cropland percentage >0) using the Minnesota Land Use Classification System (MLCCS) then it was put into a crop depression category. A point layer was generated for each crop depression that represents the lowest elevation value in the raw DEM. This point location was considered a likely drain tile inlet and a direct conduit of pollutant (phosphorus) loading to surface waters.

In addition to a dataset of potential drain tile inlet locations predicted from the hydrologically conditioned DEM, terrain analysis was completed using GIS (geographic information systems). These products include a raster of Stream Power Index (SPI) values, which provide a (relative) indication of the erosive power of overland and concentrated surface water runoff across the landscape. Also computed was a raster of potential soil yields from overland areas using the Revised Universal Soil Loss Equation (RUSLE2). A number of different data sources were used in the performance of the terrain analysis work including

elevation data, rainfall frequency/duration data, land use/land cover, soils, rainfall-runoff (R-factor) values and Carver County's culvert inventory. Priority management areas in the watershed were identified by analyzing and combining the SPI and RUSLE results to locate those areas where the most erosive overland flows and high sediment yields combine. It was assumed that areas having the highest soil erosion rates were also the areas that generated the greatest phosphorus load.

For the purpose of summarizing the results of the SPI and RUSLE analyses, subcatchment areas within each catchment were defined. Subcatchment areas are divided into 2 categories: Surface Overland and Crop Depression subcatchments. The category of Surface Overland Subcatchments refers to an area that drains to the location where the flow transitions from concentrated overland flow to in-channel flow. The outlet from the overland subcatchment area is defined as a "surface overland catchment pour point". A Crop Depression Subcatchment was used to summarize the SPI and RUSLE analyses for the crop depressional watersheds. A "crop depressional catchment pourpoint" is the location of the lowest elevation within the depression (i.e., tile outlet).

Once all of the required input variables were derived for RUSLE, the values were multiplied to determine a potential sediment yield for each (3 meter by 3 meter) raster cell in the project area. To determine the amount of sediment yielded at each raster cell that actually reaches the downstream overland subcatchment pour point, a Sediment Delivery Ratio (SDR) was applied. The SDR is computed as a function of the flow length between the source of sediment loading and the downstream point of interest (in this case the, the surface overland and crop depression catchment pour points).

Step 3: Field Reconnaissance

After identifying priority parcels through the desktop analysis, these areas were then set as priorities for guiding field reconnaissance work. Field maps were prepared with base data layers including aerial photos, catchment and subcatchment lines, parcel lines, ranked flowpaths, potential tile intake locations, wetlands and soils. During the field reconnaissance, SWCD staff verified existing site conditions as well as site constraints to determine potential BMP options as well as to eliminate non-feasible options from consideration.

Step 4: Cost/Treatment Analysis

After feasible BMP projects were identified, potential phosphorus reductions were calculated and preliminary cost estimates compiled. The projects were then ranked based on the cost per pound of phosphorus removal per year, over a 10 or 15 year life-cycle, depending on the BMP. The final value for the cost per pound of treatment includes construction and installation.

Treatment Analysis:

Modeling of the phosphorus loading in each catchment, before and after project installation, was completed using RUSLE2 and BWSR spreadsheet software, whenever possible. The phosphorus reduction estimates associated with the installation of each project should be considered as pollutant reduction to the waterbody. Some practices, such as wetland restorations, could not be modeled using this software. In these cases, pollutant reduction values from research of literature review were used to determine pollutant removal rates for the proposed projects. The studies researched (*National Pollutant Removal Performance Database, Center for Watershed Protection, Version 3, September, 2007*) identified phosphorus removals through wet detention time of approximately 40% - 60%, a 45% phosphorus reduction was used for this report. It is important to note that reported treatment levels are dependent upon optimal site selection and sizing. Not all locations and sizes will yield the same results.

Cost Estimates

Each project was assigned estimated costs for construction and installation based on a recent analysis of values for similar projects installed in Carver County over the past ten years. An annual cost per pound of phosphorus removal was then calculated for the 10 or 15-year life-cycle. In the final evaluation and ranking, the estimated costs to remove phosphorus are listed.

Step 5: Project Ranking

Potential projects are listed from most cost effective to least, based on cost per pound of phosphorus removed over the life-cycle timeframe. Cost estimates represent material and labor for each project installed on that particular site. Depending on complexity, additional project costs ranging from 25% to 50% of the construction cost must be added to account for project outreach and promotion, survey, design, construction oversight and operation and maintenance. The reported treatment levels are dependent upon optimal siting and sizing which would be achieved during the actual design stage of the proposed project.

The completed SWA reports achieve the *Prioritized, Targeted, and Measurable* results that BWSR is looking for in the 1W1P and WBIF process.

D. Measurable Goals

The measurable goals for the SWA projects are identified in the potential BMP project list as phosphorus reduction expressed in pounds per year. In the case of Eagle Lake, the actual outcomes can be measured to the load reduction requirements of the TMDL.

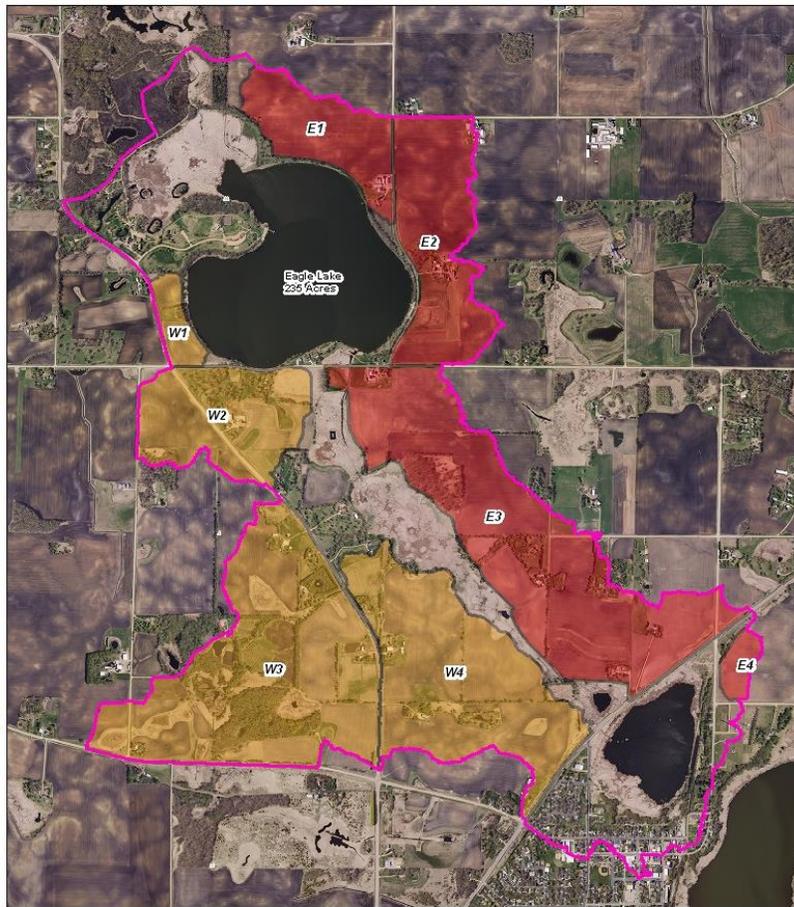
E. Implementation Actions

The focused list of potential BMP projects for the Eagle Lake SWA and Lake Waconia SWA are listed below. Maps and exact project locations are provided in the respective SWA reports.

Eagle Lake SWA Potential project and cost/benefit table (Top 30)

Rank	Feasibility Code	BMP/Project Name	Catchment	Qty	Units	P Reduction (lbs/yr)	Est. Project Cost	cost/lb/yr
1	A	Conservation Tillage	W-1	14.4	Acres	46.8	\$0	\$0.00
2	A	Conservation Tillage	E-3	18.4	Acres	45.8	\$0	\$0.00
3	A	Conservation Tillage	E-3	19.5	Acres	40.8	\$0	\$0.00
4	A	Conservation Tillage	E-3	16.1	Acres	32.7	\$0	\$0.00
5	A	Conservation Tillage	E-2	22.0	Acres	29.3	\$0	\$0.00
6	A	Conservation Tillage	E-3	14.5	Acres	23.2	\$0	\$0.00
7	A	Conservation Tillage	W-2	14.9	Acres	21.2	\$0	\$0.00
8	A	Conservation Tillage	E-4	14.5	Acres	19.7	\$0	\$0.00
9	A	Conservation Tillage	E-1	21.5	Acres	11.2	\$0	\$0.00
10	C	CRP Buffer Strip	E-3	1.0	Acres	30.5	\$2,900	\$9.50
11	A	Rock Inlet	E-2	1	Each	5.6	\$550	\$9.82
12	C	CRP Buffer Strip	W-1	2.1	Acres	49.1	\$6,090	\$12.40
13	A	Rock Inlet	E-1	2	Each	6.6	\$1,100	\$16.56
14	A	Rock Inlet	E-3	1	Each	3.4	\$550	\$16.76

15	A	Rock Inlet	W-4	1	Each	3.1	\$550	\$17.74
16	A	Rock Inlet	E-3	2	Each	6.0	\$1,100	\$18.33
17	B	CRP Buffer Strip	W-4	2.6	Acres	35.2	\$7,540	\$21.42
18	B	Grassed Waterway	W-4	240	Ln Ft	4.9	\$1,080	\$22.04
19	B	Grassed Waterway	W-1	250	Ln Ft	5.3	\$1,250	\$23.54
20	C	Grassed Waterways (3)	E-3	1,200	Ln Ft	17.1	\$5,400	\$31.57
21	A	Grassed Waterways (3)	E-1	1400	Ln Ft	19.0	\$6,300	\$33.17
22	B	CRP Buffer Strip	W-4	2.8	Acres	20.3	\$8,120	\$40.00
23	C	Grassed Waterways (3)	E-3	1,100	Ln Ft	11.9	\$4,950	\$41.59
24	C	CRP Buffer Strip	W-2	1.2	Acres	8.0	\$3,480	\$43.50
25	A	CRP Buffer Strip	E-1	2.0	Acres	13.0	\$5,800	\$44.61
26	B	WASCB	W-4	1	Each	8.5	\$5,500	\$64.70
27	C	Grassed Waterways (3)	E-3	1,450	Ln Ft	9.0	\$6,525	\$65.51
28	C	Grassed Waterways (3)	E-3	1,115	Ln Ft	6.6	\$5,017	\$76.00
29	C	WASCB	E-2	1	Each	7.1	\$5,500	\$77.46
30	B	CRP Buffer Strip	E-3	2.4	Acres	8.4	\$6,960	\$82.85



Lake Waconia SWA Potential project and cost/benefit table (Top 30)

Rank	Feasibility Code	BMP/Project Name	Catchment	Qty	Units	P Reduction (lbs/yr)	Estimated Cost (Materials & Labor)	Term Cost (\$/lbs. P/yr)
1	A	FS 3	N-1	3.0	Acres	47.7	\$2,802.00	\$5.91
2	A	FS 2	N-1	1.7	Acres	34.4	\$2,139.00	\$6.21
3	A	FS 4	N-1	2.5	Acres	37.7	\$2,547.00	\$6.75
4	B	FS 1	N-2	1.4	Acres	25.5	\$2,046.00	\$8.02
5	A	FS 3	W-1	6.3	Acres	50.9	\$4,485.00	\$8.80
6	B	FS 2	N-2	1.1	Acres	19.9	\$1,833.00	\$9.21
7	B	FS 5	N-1	3.6	Acres	31.7	\$3,108.00	\$9.80
8	A	FS 1	N-1	3.9	Acres	27.1	\$3,261.00	\$12.03
9	A	FS 7	N-1	2.1	Acres	17.1	\$2,343.00	\$13.70
10	B	WR 2	N-1	2.7	Acres	59.8	\$10,051.50	\$16.81
11	B	FS 9	N-1	0.6	Acres	8.4	\$1,578.00	\$18.79
12	A	GW 1	N-2	330	Ln Ft	14.4	\$2,707.50	\$18.80
13	A	GW 25	N-1	550	Ln Ft	18.9	\$3,664.50	\$19.39
14	A	GW 18	N-1	750	Ln Ft	22.7	\$4,534.50	\$19.97
15	A	FS 2	W-1	4.7	Acres	17.8	\$3,669.00	\$20.60
16	A	GW 23	N-1	420	Ln Ft	14.4	\$3,099.00	\$21.52
17	B	WR 3	N-1	1.5	Acres	31.0	\$6,997.50	\$22.57
18	A	GW 7	N-2	970	Ln Ft	24.2	\$5,491.50	\$22.69
19	C	Rock Inlet 1	W-1	1	Each	5.6	\$1,280.00	\$22.96
20	C	Rock Inlet 1	N-2	1	Each	5.6	\$1,280.00	\$22.96
21	A	GW 16	N-1	1,630	Ln Ft	35.6	\$8,362.50	\$23.49
22	A	FS 10	N-1	0.8	Acres	6.9	\$1,680.00	\$24.34
23	A	GW 6	N-1	510	Ln Ft	14.3	\$3,490.50	\$24.40
24	C	Rock Inlet 1	N-1	1	Each	5.1	\$1,280.00	\$25.22
25	A	GW 19	N-1	1,050	Ln Ft	22.8	\$5,839.50	\$25.61
26	A	GW 9	N-2	360	Ln Ft	10.5	\$2,838.00	\$27.02
27	A	GW 20	N-1	660	Ln Ft	13.8	\$4,143.00	\$30.02
28	A	GW 8	N-1	525	Ln Ft	10.9	\$3,555.75	\$32.62
29	A	FS6	N-1	1.1	Acres	5.6	\$1,833.00	\$32.73
30	A	GW 13	N-1	960	Ln Ft	16.3	\$5,448.00	\$33.42



LEGEND

	Lake Waconia SWA Watershed
	Lake Waconia North Catchments
	Lake Waconia South Catchment
	Lake Waconia West Catchment



F. Partner Involvement Process

Both the Eagle Lake SWA and the Lake Waconia SWA are located in the Carver County WMO watershed boundary. The SWCD and WMO have worked together on development of the SWA and have communicated about the WBIF process. Both of the SWA's are also specifically listed in WMO water plan implementation section of the most recent WMO water plan (Table 5.5; pg 5.19). A link to the WMO water plan can be found here <https://www.co.carver.mn.us/departments/public-services/planning-water-management/water-management/about-the-wmo/2019-water-management-plan-update>



REQUEST FOR BOARD ACTION

Consent Agenda

Meeting Date: June 18, 2020

Prepared by: Mike Wanous

PURPOSE/ACTION REQUESTED:

The Lake Minnewashta Preservation Association (LMPA) would like the SWCD's help in awarding cost-share funds to residents that install water quality BMP's.

SUMMARY:

LMPA has set aside \$5,000 to go toward projects such as shoreline buffers and rain gardens (up to \$500 per project). They are requesting some oversight and technical assistance to distribute funds to worthwhile projects. Seth will coordinate with the association to review and inspect potential projects. If the potential project meets Field Office Technical Guide (FOTG) standards additional cost-share may be requested through the SWCD District Capacity funds. Potential projects will be brought to the board for approval.

STAFF RECOMMENDATION:

Staff recommends approving the SWCD to assist LMPA with its cost-share program.

EXPLANATION OF FISCAL/FTE IMPACT:

Projects that meet FOTG standards may request District Capacity Funds.

Supporting Documents:

None

Previous Board Action:

None

Mike Wanous – District Manager

- Participate in the BWSR Watershed Based Implementation Funding (WBIF) virtual meetings for 3 different major watersheds.
- Discussions and emails with the Lake Minnewashta Preservation Association about their BMP cost-share program.
- Work with County Public Works staff on details for closing out the Watertown wetland banking project construction and next steps for initial credit deposits.
- Begin work on 2021 budget, waiting on action (or no action) from special session.
- Prepared a COVID-19 Preparedness Plan for the SWCD following state guidelines
- Local work group rankings, spreadsheet
- Virtual meetings – MCD board mtg, WMO CAC mtg, WMO TAC video & questionnaire

Felicia Brockoff – Administrative & Finance Specialist

- Accounting: Payroll and liabilities completed. Renewed CD at Security for 6-months to see what interest rates might do. Various drill billings sent. Started a draft 2021 budget. Received the Audit instructions from Peterson for a virtual audit. Gathered all the info needed and uploaded it into their system. Sent follow up information to the MN Pay Equity reporting department (since we changed our salary structure to match Carver County's pay for performance matrix, they needed an explanation of the different codes).
- Administrative: Attended and completed Minutes for May Board meeting. Reviewed timesheets for employees, updated leave amounts. Ran reports to charge staff time to District Capacity and Buffer implementation grants. June Agenda packets put together and posted on website and mailed to Supervisors.
- MN State Envirothon: Financial statement filled out and sent to Stefanie at MASWCD for verification. Participated in conference call related to the NCF-Envirothon (*international*) 2021 event and filled out their required diversity reporting forms.
- Grant reports: pulled reports for Mike for all grant reporting that was due.

Chip Hentges – Conservation Technician

- All construction sites are still operating and in full swing. Completing Stormwater Inspection's on project sites. Have been in communication with Waconia, Chanhassen, and Chaska City staff and completing inspections on problem sites. Attending weekly meetings (outdoors) and have done joint inspections with MnDOT staff. Work has been routine and has not been hampered by the shutdown.
- Pre-Construction Meetings:
 - o 212 NYA to Cologne – this entails the 25/33 Roundabout
 - o Kindred Prairie Pre-con
 - o Waconia Dodge Pervious Restoration
- Projects Started:
 - o USS Hancock Solar – project has started -continuous
 - o TH 101 Road – De-watering and muck excavation taking place – **MAJOR DEWATERING INCIDENT HAPPENED – Working with MPCA (more to come)**

- TH41 Lyman Blvd (18) – Work has started - **Weekly meetings on site and minor issues that have been resolved**
- Quality Tec site has started.
- City of Cologne 2020 Street and Utility project has started.
- Stone Werks – Watertown
- Lake Waconia Regional Park
- Shepherd of the Hill – Chaska Housing complex
- Watertown – Stone Werks
- Waconia 2020 Street and Utility project
- Lake Waconia West Shores
- 44/212 project continuation of last year – more on the 44 side.
- PLAN REVEIWS:
 - Interlaken 8th – Waconia Housing Development- on going
 - Forest Hills 9TH – Watertown
 - Heuer – Oswald Gravel mine - to be used for the road work in Western Carver County
 - Bongards Storm Sewer work and Pond Dredging
 - Marsh Lake Road
- OTHERS:
 - Ongoing topsoil and de-compacting site checks
 - Installation of bio filtration system at Cologne 17th Addition
 - Final walk through with MnDOT staff and consultant on issues related to State Highway 41 project.

Terry Meiller – District Technician

- CD6-CWF: Final As-built survey/documentation completed for side inlet projects. Meeting with Contractor to review final quantities and final invoice. Cost-share contract/voucher and factsheet completed, meeting with landowner to obtain signatures, etc.
- County Assistance: Meeting with Dick Molnau at iron enhanced filtration pond site to inspect sink hole issues. Reitz Lake meeting to discuss erosion issues/potential projects with staff, township, etc. Assistance to Parks Dept. re: USFWS partnership agreement opportunity for native prairie enhancements.
- CRP/CREP: CRP staking for Bryan Buesgens tracts (5 tracts) interested in CRP. Provided mapping and boundaries to Carole for CRP enrollments. Misc. phone calls/Technical assistance to landowners with CRP questions on re-enroll options, mid-contract management, thistle control, etc.
- State Cost-share: Site surveys for potential projects (Otto and Vinkemeier grassed waterway sites). Initial design/engineering of Vinkemeier waterway, D.A. and EFH2 calculations, etc.
- Camden Streambank: Construction inspection for rip rap repair work, As-built survey and completed seeding of Floodplain area.
- Misc: Great Plains Drill deliveries. Assisted Seth with PW prairie planting/drill calibration. Meeting with landowners and follow up ditch survey for Hanson/Wellens proposed ditch clean site.

Aaron Finke – District Technician

- WCA-Continued assistance for violation in Chaska
 - Second meeting on site with landowner
 - Correspondence with Public Works on the site
 - Issued extension on restoration order

- WCA-Permit assistance for wildlife pond in Laketown Twsp
- WCA-Continued assistance for drainage violation in Benton Twsp.
 - o Reviewed for after the fact permit
 - o Met with landowner and staked out area for tile removal
- WCA-TEP meeting in New Germany for boundary approval
- WCA-TEP meeting in Chanhassen for boundary approval
- WCA-Continued assistance for violation in Watertown Twsp
- WCA-Technical assistance for landowner with drainage concerns in Watertown Twsp
- WCA-Complaint investigation in Young America Twsp
- Conservation Practice/Riparian Zone-Seeded floodplain on Camden Streambank
- Conservation Practice-Met with landowners to discuss possible solution to gully problem next to home in Waconia Twsp
- Clean Water Funds-Final seeding/documentation for side inlet project on County Ditch 6

Seth Ristow – Resource Conservation Technician

- Conducted consultation site visits for (Pollinator Program, WMO cost share, and RPBCWD Stewardship Program)
- Reviewed and discussed Stewardship applications for RPBCWD
- Advised the City of Waconia on restoration of bluff area
- Discussed/reviewed pollinator solar projects with Dan Shaw of BWSR and reviewed trial of using sheep grazing within them
- Drill seeded and planted trees/shrubs for Public Works Pollinator Project (2 Acres)
- Helped organize crew and plant West Chaska Creek Re-meander

Ben Datres – Farm Bill Technician

- CREP Projects:
 - o Pat Beier- Paid in full. Meet with contractor for repair estimate
 - o Cheri Johnson- Repair work and seeding needed
 - o Cheri Johnson #2- Pre con meeting. Started staking out for construction.
 - o Mike Lynch – cost share voucher change, re-sign.
 - o Jim Dvorak- CRP-1 approved. BWSR is working on the agreement
 - o Lundborg- Working on new paperwork with the trust
 - o Burns- Accepted! Boundary revisions with BWSR, revised CRP docs.
 - o Jeff Hart- Site visit, GPS survey of spots. Put together an application and submitted. Working with BWSR on restoration options.
 - o Working with other landowners on proposals and answering questions
 - o CREP outreach letters and estimates for potential sites.
- Buffers:
 - o Reaching out to several landowners who we haven't heard from.
 - o Roadside checks for inspection plan.
- WMO assistance – West Chaska Creek streambank stabilization project.
- BWSR online trainings – wetland plants, CREP, etc.
- Assisting landowners with other program questions, CRP, cost-share, etc.

Agenda Item #10 - NRCS Local Work Group Meeting at 9:00 a.m.

The following pages are taken from the Local Work Group spreadsheet. The spreadsheet contains tabs that need to be filled out.

Page 1 is the instructions (ranking priority concerns with 49 being the highest rating)

Page 2 is the ranking sheet – this is small print but we can view the full sheet during the meeting

Page 3 is an opportunity for comments – staff comments are included, but we can add or delete during the LWG meeting.

Instructions:

Local Work Group (LWG) Chair will seek input and recommendations on Land Use related Resource Concerns and Conservation needs within their county or local work group work area to complete spreadsheets # 3 & 4.

DC's are asked to review their responsibilities and assist the Conservation Districts in convening the LWG. The LWGs are advisory in nature and NRCS uses their input and recommendation to identify conservation planning needs, prioritize resource concerns and develop ranking questions.

The LWG's input specific to prioritized resource concerns, proposed program changes and technical practice recommendations will be presented to the State Technical Committee for consideration.

Each LWG will review all resource concern (RC's) for 4 land uses to determine 1) if the RC is applicable to the LWG area and 2) ranking/prioritization of all applicable RCs. ****NOTE**, the highest priority should be marked as 49 (the Number of RC's in the spreadsheet) with 48 points to the 2nd highest priority and so on, those not applicable would be 0. See "Example" tab on this spreadsheet.

AREA OFFICE INSTRUCTIONS: On tab #5, enter office/LWG names in the top row (under office 1, 2, etc.). Create 3 copies of the Area worksheet. Complete a worksheet summary for each land use that includes all LWG's for your Area. Consolidate "other Suggestions-Needs for your Area on tab 6. Once all oLWG data has been compiled, submit to the ASTC-Programs.

CROPLAND	FARMSTEAD	FOREST	PASTURE	Resource Concern
47	0	0	0	Soil: Sheet & rill erosion
32	0	0	0	Soil: Wind erosion
48	0	45	0	Soil: Ephemeral gully erosion
49	0	47	43	Soil: Classic gully erosion
41	0	46	40	Soil: Bank erosion from streams, shorelines, or water conveyance channels
0	0	0	0	Soil: Subsidence
31	0	0	42	Soil: Compaction
40	0	0	0	Soil: Organic matter depletion
0	0	0	0	Soil: Concentration of salts or other chemicals
28	0	0	0	Soil: Soil organism habitat loss or degradation
29	0	0	0	Soil: Aggregate instability
33	0	0	0	Water: Ponding & flooding
0	0	0	0	Water: Seasonal high water table
0	0	0	0	Water: Seeps
0	0	0	0	Water: Drifted snow
0	0	0	0	Water: Surface water depletion
34	0	0	0	Water: Groundwater depletion
0	0	0	0	Water: Naturally available moisture use
0	0	0	0	Water: Inefficient irrigation water use
46	0	0	0	Water: Nutrients transported to surface water (field loss)
35	0	0	0	Water: Nutrients transported to groundwater (field loss)
0	46	0	0	Water: Nutrients transported to surface water (storage & handling of pollutants)
0	45	0	0	Water: Nutrients transported to groundwater (storage & handling of pollutants)
43	44	0	0	Water: Pesticides transported to surface water
0	43	0	0	Water: Pesticides transported to groundwater
44	42	0	41	Water: Pathogens & chemicals from manure, biosolids or compost application transported to surface water
30	41	0	0	Water: Pathogens & chemicals from manure, biosolids or compost application transferred to groundwater
37	0	0	0	Water: Salts transported to surface water
0	0	0	0	Water: Salts transported to groundwater
36	40	0	0	Water: Petroleum, heavy metals & other pollutants transported to surface water
0	39	0	0	Water: Petroleum, heavy metals & other pollutants transported to ground water
45	38	48	39	Water: Sediment transported to surface water
0	0	0	0	Air: Emissions of particulate matter (PM) & PM precursors
0	0	0	0	Air: Emissions of greenhouse gases (GHGs)
0	0	0	0	Air: Emissions of ozone precursors (Ozone Precursors)
0	47	0	0	Air: Objectionable odors (Odor)
0	0	0	0	Air: Emissions of airborne reactive nitrogen (Airborne Nitrogen)
38	0	0	49	Plants: Plant productivity & health
0	0	0	48	Plants: Plant structure and composition
0	0	44	47	Plants: Plant pest pressure
0	0	0	0	Plants: Wildfire hazard from biomass accumulation
42	0	49	0	Animals: Terrestrial habitat for wildlife & invertebrates
39	0	0	0	Animals: Habitat for fish and other organisms
0	0	0	0	Animals: Elevated water temperature (water temperature)
0	0	0	46	Animals: Feed & forage balance
0	0	0	45	Animals: Inadequate livestock shelter
0	0	0	44	Animals: Livestock water quality, quality & distribution
0	49	0	0	Energy: Energy efficiency of equipment & facilities
0	48	0	0	Energy: Energy efficiency of farming/ranching practices & field operations

Reason for Selections Above.

Comments on NRCS Farm Bill program improvements needed:

The Farm Bill has migrated to a program that pays for production - the more a farmer produces, the higher the potential payments (higher base acres, higher PLC/ARC yields, higher crop insurance coverage & payments, higher CFAP payments). This reduces the appetite for the farmer to install BMP's that take small amounts of land out of production for practices such as grassed waterways, terraces, WASCOP's, etc. It also reduces the "risk" a farmer is willing to take to try cover crops and other non-structural practices.

What is being done engage producers/producer groups in your LWG process?

SWCD staff has not taken the lead on engaging producers or producer groups for the LWG process due to other work requirements and a lesser understanding of EQIP in general as communication between NRCS/SWCD has dissipated to some degree over the years.

Additional information needed to assist with outreach:

Since the NRCS and the SWCD office are no longer co-located it has become increasingly difficult for SWCD staff to stay informed of EQIP program requirements, updates, etc. NRCS staff turnover in our county has also added to the difficulty in staying up to date on various programs to aide in that outreach. A consistent presence from NRCS in the county would certainly help as that would improve the sharing of information between our organizations and give landowners a familiar face to go to.

What are the roadblocks to getting conservatoin planning and practice installation completed with customers?

The biggest complaint that we've heard from landowners as we're out in the field is that they're unsure who to contact from NRCS for various questions. They're lacking a consistent relationship since there has been a high level of turnover. Economic difficulties has created some challenges in getting sound conservation planning and practice installation completed as well. Also, see response to question #1.