



2016 - SWCD Local Capacity Services (Freeborn SWCD)

Clean Water Fund: SWCD Local Capacity Services 2016

Grant Award: \$125,337

Total Project Budget: \$125,337

Progress as of February 2018:

Fund Type	Spent
Grant	\$111,500
Match*	\$0
Total	\$111,500

*Includes minimum 25% local match

Grant Period:

January 2016 - December 2018

Project Sponsor:

Freeborn SWCD



Project Contact:

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Actual Outcomes

Soil health promotion funds helped host 1 winter workshop soil health workshop with approximately 90 attendees, 1 bus tour of three producer's cover cropped fields, and three shop talks throughout 2016. Participated in nine soil health team meetings.

Administration of grant and capacity employee. Orientation, reporting, time tracking, payroll, etc.

Partial purchase of a grass drill to aid clients installing buffers or cover crops. Acquired 12' Great Plains no-till drill capable of seeding native grass, cool season grass, forbs, and soybeans. Created first drill program for Freeborn SWCD.

With the capacity employee; 16 structural conservation practices have background engineering or preliminary designs completed, 15 CRP plans were completed, 50 new offers for CRP practices were taken, and 60 eligibility checks were completed for CRP filter strips. Staff was able to attend several pertinent trainings such as conservation planning and Rusle2, toolkit, wetland restoration, plant and forage ID, and engineering field tools training. Staff has been able to participate in the Freeborn Area Soil Health team, specifically with the outreach committee and taking minutes for the team meetings.

Technician computer has not been purchased due to pending operational agreement and seat access through NRCS.

Technology has not been purchased due to waiting for sufficient county match funds to purchase desired equipment.

Additional technical assistance resulted in servicing 15 additional CRP plans, 20 new CRP offers, background engineering for 5 structural practice sites, background engineering information for 5 potential RIM sites. Participation county water plan amendment and one watershed one plan efforts for Cedar River Watershed.

Balance of Technician wages (7,977.50) used by 3/31/17.



Balance of grant funds are allocated toward purchasing a new computer and other technology needs.



2016 - State Cost-Share Fund (Freeborn SWCD)

Grant Award: \$16,482

Total Project Budget: \$8,698

Progress as of February 2018:

Fund Type	Spent
Grant	\$8,698
Match*	\$2,380
Other	\$7,163
Total	\$18,241

**Includes minimum 25% local match*

Grant Period:

August 2015 - December 2018

Project Sponsor:

Freeborn SWCD



Project Contact:

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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)		8.48
Sediment (Tss) (TONS/YR)		8.48
Soil (Est. Savings) (TONS/YR)		10.68

Actual Outcomes

In 2017 one grassed waterway installed that is 1865 feet long, 60 feet wide and has a watershed of 330 acres. Planted 2.5 acres of critical area seeding. Reduction of 6.38 tons of sediment, 6.38 tons of soil, and 6.38 pounds of phosphorus from entering tributary of Cedar River. \$7,783.92 remaining to fund other projects.



2017 - Buffer Law (Freeborn SWCD)

Clean Water Fund: Buffer Law 2017

Grant Award: \$30,000

Total Project Budget: \$24,985

Progress as of February 2018:

Fund Type	Spent
Grant	\$24,985
Match*	\$0
Total	\$24,985

* Includes minimum 25% local match

Grant Period:

December 2016 - December 2018

Project Sponsor:

Freeborn SWCD



Project Contact:

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Project Narrative

Proposed Outcomes

Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

Spent \$12,000 to purchase a vehicle on 9/26/17.

Spent \$98 on postage for targeted mailing to landowners adjacent to public waters.

Spent \$12,886.68 of staff time for various forms of technical assistance.





2017 - SWCD Local Capacity Services (Freeborn SWCD)

Clean Water Fund: SWCD Local Capacity Services 2017

Grant Award: \$118,000

Total Project Budget: \$115,600

Progress as of February 2018:

Fund Type	Spent
Grant	\$74,581
Match*	\$0
Total	\$74,581

* Includes minimum 25% local match

Grant Period:

March 2017 - December 2019

Project Sponsor:

Freeborn SWCD



Project Contact:

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Project Narrative

Proposed Outcomes

Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)		19.5
Prevention (COUNT)		1
Sediment (Tss) (TONS/YR)		10.03
Soil (Est. Savings) (TONS/YR)		9.75

Actual Outcomes

2017 much of grant was spent as staff time (such as technical assistance, administration, soil health promotion, training, and participation in 1W1P for Cedar). Some funds were used in cost sharing five new cover crops contracts.





2017 - State Cost-Share Fund (Freeborn SWCD)

Grant Award: \$16,482

Total Project Budget: \$8,096

Progress as of February 2018:

Fund Type	Spent
Grant	\$2,062
Match*	\$0
Other	\$9,656
Total	\$11,718

*Includes minimum 25% local match

Grant Period:

August 2016 - December 2018

Project Sponsor:

Freeborn SWCD



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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)		19.5
Prevention (COUNT)		1
Sediment (Tss) (TONS/YR)		10.03
Soil (Est. Savings) (TONS/YR)		9.75

Actual Outcomes

As of 12/31/16 no funds were expended.

Continued working with landowners and engineers to survey, design, and plan projects. One cover crop application has been approved with 1st year cost share in 17 Capacity grant and the balance will be paid out of this grant.



2018 - Buffer Cost Share (Freeborn SWCD)

Clean Water Fund: Buffer Cost Share 2018

Grant Award: \$50,000

Total Project Budget: \$13,630

Progress as of February 2018:

Fund Type	Spent
Grant	\$1,314
Match*	\$0
Total	\$1,314

* Includes minimum 25% local match

Grant Period:

July 2017 - December 2019

Project Sponsor:

Freeborn SWCD



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Project Narrative

Proposed Outcomes

Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

5 Buffer C/S contracts approved in 2017.





2018 - Buffer Law (Freeborn SWCD)

Clean Water Fund: Buffer Law 2018

Grant Award: \$30,000

Total Project Budget: \$30,000

Progress as of February 2018:

Fund Type	Spent
Grant	\$0
Match*	\$0
Total	\$0

* Includes minimum 25% local match

Grant Period:

November 2017 - December 2020

Project Sponsor:

Freeborn SWCD



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Project Narrative

Proposed Outcomes

Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

As of 12/31/17 no funds were expended.





2018 - SWCD Local Capacity Services (Freeborn SWCD)

Clean Water Fund: SWCD Local Capacity Services 2018

Grant Award: \$100,000

Total Project Budget: \$100,000

Progress as of February 2018:

Fund Type	Spent
Grant	\$0
Match*	\$0
Total	\$0

* Includes minimum 25% local match

Grant Period:

November 2017 - December 2020

Project Sponsor:

Freeborn SWCD



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Project Narrative

Proposed Outcomes

Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

As of 12/31/17 no funds were expended.





2018 - State Cost-Share Fund (Freeborn SWCD)

Grant Award: \$16,482

Total Project Budget: \$0

Progress as of February 2018:

Fund Type	Spent
Grant	\$0
Match*	\$0
Total	\$0

* Includes minimum 25% local match

Grant Period:

November 2017 - December 2020

Project Sponsor:

Freeborn SWCD



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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

As of 12/31/17 no funds were expended.



2014 - Minnesota Flood Relief Grant (Freeborn SWCD) Disaster Relief 2015

Grant Award: \$44,000

Total Project Budget: \$35,984

Progress as of February 2018:

Fund Type	Spent
Grant	\$18,742
Match*	\$7,055
Other	\$13,594
Total	\$39,390

*Includes minimum 25% local match

Grant Period:

April 2015 - December 2017

Project Sponsor:

Freeborn SWCD



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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)	0.7	4.95
Sediment (Tss) (TONS/YR)	0.7	0.7
Soil (Est. Savings) (TONS/YR)	3.2	7.45
Total Suspended Solids (TSS) (Mg/L)	4.25	4.25

Actual Outcomes

One grade stabilization project installed to date.

In 2016 one grade stabilization embankment structure was installed. Federal EQIP \$13,593.57 paid first and state cost share piggy backed \$500.00. Staff time was billed as follows: Office Manager 3 hours @ \$54.24, Manager 12 hours @ \$59.28 and 1 Tech. 1 hour @ \$41.84. Total state grant dollars expended in 2016 \$1,415.92. Leaving a balance of \$25,354.80 to use in 2017.

Annual reductions of 0.7 ton of sediment, 3.2 tons of soil, and 0.7 pound of phosphorus.

Worked on additional project to get final engineering designs and apply for EQIP.

Staff worked on getting projects on list engineered and planned. Requested and received one year extension on grant.



2014 - Minnesota Flood Relief Grant Phase 2 (Freeborn SWCD) Disaster Relief 2016

Grant Award: \$42,240

Total Project Budget: \$15,475

Progress as of February 2018:

Fund Type	Spent
Grant	\$12,916
Match*	\$2,880
Total	\$15,795

* Includes minimum 25% local match

Grant Period:

September 2015 - December 2017

Project Sponsor:

Freeborn SWCD



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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
Phosphorus (Est. Reduction) (LBS/YR)	2.5	3.09
Sediment (Tss) (TONS/YR)	2.5	3.02
Soil (Est. Savings) (TONS/YR)	8.5	11.13

Actual Outcomes

Staff time for training and researching potential projects.

Office Manager 3 hours @ \$54.24 = \$167.72 for grant tracking in 2016.

Manager 16 hours @ \$59.28 = \$948.48 for technical assistance on 3 basins in 2016

Installed tile and constructed 500' of basin. Touchup work needs to be completed on the basin to meet specs.

surveyed and designed a system of two water and sediment control basins with outlet tile. Outlet is on WRE easement - compatible use agreement obtained from NRCS.

worked on preliminary information on other projects such as preliminary engineering, survey, and design work.

Treated 5 acres of watershed and provided 30,000 cubic feet of temporary water storage with 2 WASCBs. Reduced 2.5 Tons of sediment and 2.5 pounds of phosphorus from entering Geneva lake and reduced 8.5 tons of soil erosion on Jeff's farm. Staff worked on planning and designing additional BMPs. Requested and received a one year grant extension from BWSR.



2014 - Minnesota Flood Relief Grant Phase 3B (Freeborn SWCD) Disaster Relief 2017

Grant Award: \$55,010

Total Project Budget: \$0

Progress as of February 2018:

Fund Type	Spent
Grant	\$0
Match*	\$0
Total	\$0

* Includes minimum 25% local match

Grant Period:

August 2016 - December 2018

Project Sponsor:

Freeborn SWCD



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Pollution Reduction Estimates

Indicator Name	Proposed	Actual
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Actual Outcomes

As of 12/31/16 no funds were expended.

As of 12/31/17 no funds were expended.



Grant All-Detail Report

Multipurpose Drainage Management 2016

Grant Title - 2016 CD8 Erosion and Pollution reduction

Grant ID - C16-6758

Organization - Freeborn SWCD

Grant Awarded Amount	\$32,500.00	Grant Execution Date	2/29/2016
Required Match Amount	\$8,125.00	Grant End Date	12/31/2018
Required Match %	25%	Grant Day To Day Contact	Mark Schaetzke

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$32,500.00	\$1,854.23	\$30,645.77
Total Match Amount	\$8,125.00	\$0.00	\$8,125.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$40,625.00	\$1,854.23	\$38,770.77

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2016 CD8 Administration	Administration /Coordination	Current State Grant	2016 CD8 Erosion and Pollution reduction	\$1,500.00	\$59.28	12/31/2016	N
2016 CD8 Agricultural BMPs	Agricultural Practices	Current State Grant	2016 CD8 Erosion and Pollution reduction	\$25,000.00			N
2016 CD8 Landowner Fund	Agricultural Practices	Landowner Fund	Landowner contribution	\$2,500.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2016 CD8 Technical and Engineering Assistance	Technical/Engineering Assistance	Current State Grant	2016 CD8 Erosion and Pollution reduction	\$6,000.00	\$1,794.95	12/31/2017	N
2016 CD8 local funds	Agricultural Practices	Local Fund	Turtle Creek Watershed District Contribution	\$5,625.00			Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
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Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
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Final Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - 2016 CD8 Administration			
Description	2016 CD8 Administration	Funds will be spent by SWCD staff to complete administration of the grant. Administration includes but is not limited to completing eLINK reporting and coordination of activities necessary to complete this grant.	
Category	ADMINISTRATION/COORDINATION		
Start Date	29-Feb-16	End Date	29-Feb-16
Has Rates and Hours?	Yes		
Actual Results	A/C - 1 hour expended on this grant in 2016 of \$59.28 - Manager meeting with SWCD Board and County Ditch Inspector.		

Grant Activity - 2016 CD8 Agricultural BMPs

Description	2016 CD8 Agricultural BMPs Cost share paid to landowners for the implementation of BMPs. Cost share shall not exceed 75% of eligible project costs. Installation of 4-5 WASCObS, one grassed waterway, and one alternative tile intake are proposed.
Category	AGRICULTURAL PRACTICES
Start Date	29-Feb-16 End Date
Has Rates and Hours?	No
Actual Results	Finalizing designs prior to contracting.

Grant Activity - 2016 CD8 Landowner Fund

Description	2016 CD8 Landowner Fund Landowner contribution towards implementation of BMP costs. Multiple landowners.
Category	AGRICULTURAL PRACTICES
Start Date	29-Feb-16 End Date
Has Rates and Hours?	No
Actual Results	

Grant Activity - 2016 CD8 Technical and Engineering Assistance

Description	2016 CD8 Technical and Engineering Assistance SWCD staff will provide technical and engineering assistance with the implementation of BMPs. Staff will assist with initial inventory and evaluation, survey, design, and construction check-out of BMPs as needed. Staff will work with landowners, contractors, and partners to accomplish tasks.
Category	TECHNICAL/ENGINEERING ASSISTANCE
Start Date	29-Feb-16 End Date
Has Rates and Hours?	Yes
Actual Results	2017 T & A - 2 Tech 9.5 hours @ \$31.91, 3 Tech 15 hours @ \$30.92 and Mgr. 16 hours @ \$64.25 - as calculated using BWSR billing rates. Continued technical assistance on flood damage projects. Conducted survey and design on 3-4 WASCbS and one grassed waterway. Coordinated with Ditch inspector regarding county ditch and tile.