



## Grant All-Detail Report Accelerated Implementation Grant 2017

**Grant Title** - Identifying Best Management Practices and Barriers to Adoption

**Grant ID** - C17-8483

**Organization** - Otter Tail, East SWCD

<b>Original Awarded Amount</b>	<b>\$58,000.00</b>	<b>Grant Execution Date</b>	<b>3/30/2017</b>
<b>Required Match Amount</b>	<b>\$14,500.00</b>	<b>Original Grant End Date</b>	<b>12/31/2019</b>
<b>Required Match %</b>	<b>25%</b>	<b>Grant Day To Day Contact</b>	<b>Benjamin Underhill</b>
<b>Current Awarded Amount</b>	<b>\$58,000.00</b>	<b>Current End Date</b>	<b>12/31/2019</b>

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$58,000.00	\$45,145.61	\$12,854.39
Total Match Amount	\$14,500.00	\$6,587.28	\$7,912.72
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$72,500.00</b>	<b>\$51,732.89</b>	<b>\$20,767.11</b>

\*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
Administrative Costs	Administration /Coordination	Current State Grant	Identifying Best Management Practices and Barriers to Adopti..	\$2,000.00	\$2,000.00	2/28/2018	N
Administrative Costs	Administration /Coordination	Local Fund	Local In-Kind Match	\$500.00	\$250.00	12/29/2017	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Ag Weather Network updates	Education/Information	Current State Grant	Identifying Best Management Practices and Barriers to Adopti..	\$10,000.00	\$14,240.00	4/2/2018	N
Ag Weather Network updates	Education/Information	Local Fund	Local Match	\$2,500.00			Y
Facilitator/Meeting Expenses	Education/Information	Current State Grant	Identifying Best Management Practices and Barriers to Adopti..	\$16,000.00	\$16,000.00	4/25/2018	N
Facilitator/Meeting Expenses	Education/Information	Local Fund	Local Match	\$4,000.00	\$4,545.20	5/25/2018	Y
Modeling program	Planning and Assessment	Current State Grant	Identifying Best Management Practices and Barriers to Adopti..	\$15,000.00			N
Modeling program	Planning and Assessment	Local Fund	Local Match	\$3,750.00			Y
Project Development	Project Development	Current State Grant	Identifying Best Management Practices and Barriers to Adopti..	\$15,000.00	\$12,905.61	5/25/2018	N
Project Development	Project Development	Local Fund	Local Match	\$3,750.00	\$1,792.08	12/20/2017	Y

### Activity Details Summary

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

### Proposed Activity Indicators

Activity Name	Indicator Name	Value & Units	Waterbody	Calculation Tool	Comments
---------------	----------------	---------------	-----------	------------------	----------

### Final Indicators Summary

Indicator Name	Total Value	Unit
----------------	-------------	------

## Grant Activity

Grant Activity - Administrative Costs	
Description	EOTSWCD will be the fiscal agent and perform administrative activities for this grant. This will include such activities as time tracking, reviewing and processing all eligible expenditures, including required match, eLINK, and web page reporting.
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Has Rates and Hours?	Yes
Actual Results	EOT Staff time to administer grant activities, including time tracking, bookkeeping and reporting.

Grant Activity - Ag Weather Network updates	
Description	The Ag Weather Network website has proven to be a useful technology in helping producers make sound management decisions. To assist those producers already managing their irrigation operations with sound management BMPs EOTSWCD will contract with a consultant to update the Ag Weather Network website which will provide a more consistent running website with direct updates from MDA.
Category	EDUCATION/INFORMATION
Start Date	End Date
Has Rates and Hours?	No
Actual Results	Purchased equipment to upgrade automated weather stations in the Ag Weather Network to make them compatible to have weather data served on NDAWN website. Funds were also obtained through an agreement with MDA to cover total cost of upgrades.

**Grant Activity - Facilitator/Meeting Expenses**

<b>Description</b>	The purpose of this project is to identify effective irrigation and nutrient management BMPs and technologies and the barriers that prevent irrigators, producers, and other agricultural partners from adopting them. EOTSWCD will contract with a professional facilitator who will facilitate meetings and assist with civic engagement. Other meeting expenses include facilitator travel and provisions.		
<b>Category</b>	EDUCATION/INFORMATION		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		

## Actual Results

EOT SWCD contracted with the Freshwater Society to help plan and facilitate 4 meetings. Two meetings were held in 2017 and the final two were held in 2018. We had over 40 producers at the meeting in Perham and 14 producers at the meeting in Parkers Prairie, and 20 at the meeting in Osage.

We held a 4th meeting on March 8th to inform the area producers on our preliminary findings. This meeting was well attended.

Freshwater Society staff drafted a final report on the findings of the meetings. The report can be found on the EOT SWCD website.

Information from the report has been used at the annual retreat for both the EOT and Wadena SWCDs.

Take-aways from the Agriculture and Groundwater Report at the EOT SWCD retreat.

1. Education and outreach to non-farmers. Need to better tell the story of practices implemented by farmers and some of the challenges they face.
2. Field days and tours are needed to promote practices. Showcase where practices are proven to work in our area.
3. Need to facilitate peer to peer learning/sharing opportunities.
4. Education and information on new technologies and how to make sense of information or data from them.
5. SWCD should invest time in forming new partnerships with co-ops, agronomists etc.
6. Research needs to be conducted on local levels
7. Financial incentives or having trial equipment available to reduce the financial risk of making changes.

We are continuing to explore options for programs and projects as a result of the report.

### Grant Activity - Modeling program

<b>Description</b>	To move forward with lessons learned from the barrier identification activity the EOTSWCD will contract with a consultant to provide a modeling program that will identify and target locations that could benefit from nutrient reduction strategies. This includes developing the model, running the model, and training staff to use the model and associated outputs.		
<b>Category</b>	PLANNING AND ASSESSMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>			

### Grant Activity - Project Development

<b>Description</b>	EOTSWCD will prepare and sign contract with consultants to provide facilitation services, update the Ag Weather Network, and develop a targeted modeling program to assist staff in identifying vulnerable locations to implement practices. In addition, EOTSWCD staff will assist in planning civic engagement meetings, developing marketing materials, targeting invitations, and agenda development.		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	Yes		
<b>Actual Results</b>	EOT SWCD staff time to work with the Freshwater Society, to develop activities for the producer meetings, to coordinate local venues, plan for the agendas, reach out to producers to get them to attend, and assist at the meetings with note taking. Staff also helped review and suggest edits to the final report.		

### Grant Attachments

Document Name	Document Type	Description
<b>2017 Competitive Grant</b>	Grant Agreement	2017 Competitive Grant - Otter Tail, East SWCD
<b>2017 Competitive Grant executed</b>	Grant Agreement	2017 Competitive Grant - Otter Tail, East SWCD
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/09/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 06/29/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 06/27/2018
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 06/06/2018

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/14/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/29/2018
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2018
Application	Workflow Generated	Workflow Generated - Application - 08/04/2016
Final Report	Grant	Identifying Best Management Practices and Barriers to Adoption
Financial Report 05062018 50% spent	Grant	Identifying Best Management Practices and Barriers to Adoption
Interim Signed Financial	Grant	Identifying Best Management Practices and Barriers to Adoption
June 27 2018 Outlook email RE C17-8483 & C17-6943	Grant	Identifying Best Management Practices and Barriers to Adoption
Work Plan revision request March 21 2018	Journal	Journal Dated - 03/26/2018
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 03/21/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 02/23/2017
Work Plan	Workflow Generated	Workflow Generated - Work Plan - 12/14/2016
grantmap_17011_2016-08-04_12-57-04-PM.jpg	Grant	Identifying Best Management Practices and Barriers to Adoption