



Grant Progress Report

SWCD Local Capacity Services 2021

Grant Title: 2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)

Grant Award (\$): \$136,974.00

Grant Execution Date: 10/02/2020

Grant ID: P21-2734

Required Match (%): 0

Grant End Date: 12/31/2023

Grantee: Otter Tail, East SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Darren Newville

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$136,974.00	\$136,974.00	\$0.00
Match Funds	\$0.00	\$29,643.66	(\$29,643.66)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$136,974.00	\$166,617.66	(\$29,643.66)

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Cost-share	Agricultural Practices	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00		\$0.00	N
Education & Outreach	Education/Information	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$15,000.00	\$9,203.83	\$5,796.17	N
Cost-share	Groundwater	Current State Grant	2021 - SWCD Local Capacity Services	\$15,820.00	\$12,362.50	\$3,457.50	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Groundwater			(Otter Tail, East SWCD)				
Landowner Match	Special Projects	Landowner Fund		\$0.00	\$29,643.66	(\$29,643.66)	Y
Cost-share Shoreland	Streambank or Shoreline Protection	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,154.00	\$13,611.50	(\$3,457.50)	N
Equipment	Supplies/Equipment	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$16,000.00	\$11,522.42	\$4,477.58	N
Staff- Soil Erosion	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$15,971.22	\$4,028.78	N
Staff Time - Excess Nutrients	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$47,823.76	(\$17,823.76)	N
Staff - Riparian Management	Technical/Engineering Assistance	Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$26,478.77	\$3,521.23	N

Indicator Summary

Indicator Category	Proposed Indicator	Total Value	Unit
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Indicator Category	Final Indicator	Total Value	Unit
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	74	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	2.23	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	1.88	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	0.17	Tons/Yr

Grant Activities

Activity Name: Cost-share						
Activity Category: Agricultural Practices					Staff time?: No	
Description: Provide cost share and incentive payments for practices with water quality benefits including structural and non-structural land management practices. May be used for match for federal grants.						
Budget Details						
Source Type	Source Description	Budgeted	Spent	Balance Remaining	Last Transaction Date	Match Fund?
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00		\$0.00		N

Actual Results

Jan 2022 - One project encumbered.

Activity Name: Cost-share Groundwater

Activity Category: Groundwater

Staff time?: No

Description: Provide cost-share for practices that improve or protect the groundwater resources including but not limited to well sealing, irrigation water management practices, and ag waste pit closures.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$15,820.00	\$12,362.50	\$3,457.50	11/30/2022	N

Actual Results

Provided cost-share for 3 well sealing and 1 Irrigation water management projects.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nutrients (Nitrate)	74	Lbs/Yr

Activity Action Name:	2022-04 Brandstaetter	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units:
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:		Install Date: 09/06/2022
		Mapped: Yes

Activity Action Name:	2022-01 DJM Farms	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	low pressure conversion	Install Date: 09/30/2022
	449 - IWM	
	442 - irrigation sprinkler system	
	533 - pumping plant	
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	74	Rusle2 (Updated)	Ground Water

Activity Action Name:	2022-05 Guck	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units:
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:		Install Date: 10/21/2022
		Mapped: Yes

Activity Action Name:	2022-06 Honer	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units:
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:		Install Date: 10/27/2022
		Mapped: Yes

Activity Name: Cost-share Shoreland

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Cost-share for project protecting streambank and lakeshore properties and riparian areas.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,154.00	\$13,611.50	(\$3,457.50)	09/20/2023	N

Actual Results

Provided cost share for 4 shoreland restoration projects.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Phosphorus (Est. Reduction)	2.23	Lbs/Yr
Sediment (Tss)	1.88	Tons/Yr
Soil (Est. Savings)	0.17	Tons/Yr

Activity Action Name: 2022-02 Gode	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 06/30/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.16	Bwsr Calc (Filter Strip)	Buchanan Lake
Soil (Est. Savings)	Tons/Yr	0.02	Bwsr Calc (Filter Strip)	Buchanan Lake
Sediment (Tss)	Tons/Yr	0.66	Bwsr Calc (Filter Strip)	Buchanan Lake

Activity Action Name: 2022-03 Lueschen	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 06/30/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.32	Bwsr Calc (Filter Strip)	Dead Lake
Soil (Est. Savings)	Tons/Yr	0.11	Bwsr Calc (Filter Strip)	Dead Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.37	Bwsr Calc (Filter Strip)	Dead Lake

Activity Action Name: P21-2734-01 McKinney	Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: Also reported in P22-5714 and P22-6134.	Install Date: 07/03/2023
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.03	Bwsr Calc (Filter Strip)	Marion Lake
Sediment (Tss)	Tons/Yr	0.01	Bwsr Calc (Filter Strip)	Marion Lake

Activity Action Name:	2023-01 City of Vergas	Activity Count: 1
Practice Type:	327 - Conservation Cover	Size/Units: 0.01 - Acres
TA Provider/JAA:	SWCD	Lifespan:
Practice Description:		Install Date: 07/12/2023
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.04	Bwsr Calc (Filter Strip)	Long Lake
Sediment (Tss)	Tons/Yr	0.89	Bwsr Calc (Filter Strip)	Long Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.67	Bwsr Calc (Filter Strip)	Long Lake

Activity Name: Education & Outreach

Activity Category: Education/Information	Staff time?: No
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Description: Educational and outreach efforts to include tours, field days, booths at trade shows and fairs, print materials, banners, videos, etc.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$15,000.00	\$9,203.83	\$5,796.17	10/31/2021	N

Actual Results

Jan 2022 - education and outreach expense.

Jan 2024 - Provided for staff time and expenses for education and outreach activities.

Activity Name: Equipment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Provide for equipment and technology of phones, computers, ipads, etc. Costs include EOT SWCD share of expense for joint computer server expenses and annual software subscriptions, copier/printer agreement, and cellular data packages. May also include a percentage for upgrades of vehicles or other large equipment needs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$16,000.00	\$11,522.42	\$4,477.58	11/30/2021	N

Actual Results

Jan 2022 - Provided for equipment and technology of phones, computers, ipads, etc. Costs include EOT SWCD share of expense for joint computer server expenses and annual software subscriptions, copier/printer agreement, and cellular data packages.

Jan 2024 - Provided for equipment and technology of phones, computers, ipads, etc. Costs include EOT SWCD share of expense for joint computer server expenses and annual software subscriptions, copier/printer agreement, and cellular data packages.

Activity Name: Landowner Match

Activity Category: Special Projects

Staff time?: No

Description: Landowner match for cost-share.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Landowner Fund		\$0.00	\$29,643.66	(\$29,643.66)	08/16/2023	Y
Actual Results						
Landowner provided cash or in-kind match for cost-share projects.						

Activity Name: Staff - Riparian Management						
Activity Category: Technical/Engineering Assistance					Staff time?: Yes	
Description: Funds will be used to continue to support the salary and benefits of staff to promote the Riparian BMPs including the shared engineer position with WOT and Becker SWCDs.						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$26,478.77	\$3,521.23	10/31/2021	N
Actual Results						
Funds used to continue to support the salary and benefits of staff to promote the Riparian BMPs including the shared engineer position with WOT and Becker SWCDs.						
Funds used to continue to support the salary and benefits of staff to promote the Riparian BMPs including the shared engineer position with WOT and Becker SWCDs.						

Activity Name: Staff Time - Excess Nutrients						
Activity Category: Technical/Engineering Assistance					Staff time?: Yes	
Description: Funds will be used to continue to support the salary and benefits of staff to promote the excess nutrient BMPs including the shared engineer position with WOT and Becker SWCDs.						
Budget Details						

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$47,823.76	(\$17,823.76)	11/30/2021	N
Actual Results						
Funds used to continue to support the salary and benefits of staff to promote the Excess Nutrient BMPs including the shared engineer position with WOT and Becker SWCDs.						
Funds used to continue to support the salary and benefits of staff to promote the Excess Nutrient BMPs including the shared engineer position with WOT and Becker SWCDs.						

Activity Name: Staff- Soil Erosion						
Activity Category: Technical/Engineering Assistance					Staff time?: Yes	
Description: Funds will be used to continue to support the salary and benefits of staff to promote the Soil Erosion BMPs including the shared engineer position with WOT and Becker SWCDs.						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2021 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$15,971.22	\$4,028.78	09/30/2021	N
Actual Results						
Funds used to continue to support the salary and benefits of staff to promote the Soil Erosion BMPs including the shared engineer position with WOT and Becker SWCDs.						
Funds used to continue to support the salary and benefits of staff to promote the Soil Erosion BMPs including the shared engineer position with WOT and Becker SWCDs.						



Grant Progress Report

SWCD Local Capacity Services 2020

Grant Title: 2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)

Grant Award (\$): \$136,974.00

Grant Execution Date: 12/02/2019

Grant ID: P20-7507

Required Match (%): 0

Grant End Date: 12/31/2022

Grantee: Otter Tail, East SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Darren Newville

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$136,974.00	\$136,974.00	\$0.00
Match Funds	\$18,200.00	\$22,072.50	(\$3,872.50)
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$155,174.00	\$159,046.50	(\$3,872.50)

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Education and Outreach	Education/Information	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$12,040.19	\$7,959.81	N
Cost-Share Groundwater Practices	Groundwater	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$362.50	\$362.50	\$0.00	N
Cost-share Non-	Non-Structural Management	Current State Grant	2020 - SWCD Local Capacity Services	\$19,800.00	\$19,800.00	\$0.00	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
structural Management Practices	Practices		(Otter Tail, East SWCD)				
Cost-Share Landowner Match	Non-Structural Management Practices	Landowner Fund	Landowner Fund	\$0.00	\$3,872.50	(\$3,872.50)	Y
Cost-Share	Special Projects	Local Fund	County Funds	\$18,200.00	\$18,200.00	\$0.00	Y
Cost-Share	Special Projects	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00		\$0.00	N
Cost-Share Shoreland Practices	Streambank or Shoreline Protection	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$811.50	\$811.50	\$0.00	N
Equipment	Supplies/Equipment	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$16,000.00	\$13,111.57	\$2,888.43	N
Staff	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$32,158.01	(\$2,158.01)	N
Staff	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$38,738.02	(\$8,738.02)	N
Staff	Technical/Engineering Assistance	Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$19,952.21	\$47.79	N

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	1160	Lbs/Yr
Water Pollution	Soil (Est. Savings)	17	Tons/Yr

Indicator Summary

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
(Reduction Estimates)			
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	538	Tons/Yr
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	1624	Lbs/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	28	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	476	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	11.08	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	13.04	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	13.04	Tons/Yr

Grant Activities

Activity Name: Cost-Share

Activity Category: Special Projects **Staff time?:** No

Description: Provide cost share and incentive payments for practices with water quality benefits including structural and non structural land management practices.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00		\$0.00		N
Local Fund	County Funds	\$18,200.00	\$18,200.00	\$0.00	10/31/2022	Y

Actual Results

Provided cost-share for projects as entered into elink.

Otter Tail County provided \$18,200.00 in cash contributions to the East Otter Tail SWCD to support cost-share programs.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nutrients (Nitrate)	1160	Lbs/Yr
Soil (Est. Savings)	17	Tons/Yr
Soil (Est. Savings)	538	Tons/Yr

Activity Action Name:	2021-06 Rimer	Activity Count: 1
Practice Type:	580 - Streambank and Shoreline Protection	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date:
		Mapped: Yes

Activity Action Name:	2020-10 Schultz	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 09/20/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	232	Rusle2 (Updated)	Ground Water
Soil (Est. Savings)	Tons/Yr	120	WEPS (Wind Erosion Prediction System)	Surface Water

Activity Action Name:	2020-12 Huebsch	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 09/20/2022
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	152	WEPS (Wind Erosion Prediction System)	Surface Water
Nutrients (Nitrate)	Lbs/Yr	464	Rusle2 (Updated)	Ground Water

Activity Action Name:	2020-13 Meyer	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	26	WEPS (Wind Erosion Prediction System)	Surface Water
Soil (Est. Savings)	Tons/Yr	14	WEPS (Wind Erosion Prediction System)	Surface Water
Nutrients (Nitrate)	Lbs/Yr	232	Rusle2 (Updated)	Ground Water

Activity Action Name: 2020-11 R. Palubicki	Activity Count: 1
Practice Type: 340 - Cover Crop	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 1 Year
Practice Description:	Install Date: 09/08/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	240	WEPS (Wind Erosion Prediction System)	Surface Water
Soil (Est. Savings)	Tons/Yr	3	WEPS (Wind Erosion Prediction System)	Surface water
Nutrients (Nitrate)	Lbs/Yr	232	Rusle2 (Updated)	Ground Water

Activity Name: Cost-Share Groundwater Practices

Activity Category: Groundwater	Staff time?: No
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Description: Provide cost share and incentive payments for groundwater based practices with water quality benefits.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$362.50	\$362.50	\$0.00	12/15/2021	N

Actual Results

Provided cost share for one well sealing.

Activity Action Name: 2021-07 Riepe	Activity Count: 1
Practice Type: 351 - Well Decommissioning	Size/Units:
TA Provider/JAA: Private Consultant	Lifespan: In Perpetuity
Practice Description:	Install Date:
	Mapped: Yes

Activity Name: Cost-Share Landowner Match

Activity Category: Non-Structural Management Practices **Staff time?:** No

Description: Landowner match for cost-share projects.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Landowner Fund	Landowner Fund	\$0.00	\$3,872.50	(\$3,872.50)	10/31/2022	Y

Actual Results

Landowner match for cost share projects completed.

Activity Name: Cost-Share Shoreland Practices

Activity Category: Streambank or Shoreline Protection **Staff time?:** No

Description: Provide cost share and incentive payments for shoreland practices with water quality benefits.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$811.50	\$811.50	\$0.00	04/20/2022	N

Actual Results

Provided cost share for one shoreline stabilization project.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	13.04	Tons/Yr
Sediment (Tss)	13.04	Tons/Yr
Phosphorus (Est. Reduction)	11.08	Lbs/Yr

Activity Action Name: Rimer	Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection	Size/Units:
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 04/04/2022
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	13.04	Bwsr Calc (Stream & Ditch Stabilization)	Star Lake
Soil (Est. Savings)	Tons/Yr	13.04	Bwsr Calc (Stream & Ditch Stabilization)	Star Lake
Phosphorus (Est. Reduction)	Lbs/Yr	11.08	Bwsr Calc (Stream & Ditch Stabilization)	Star Lake

Activity Name: Cost-share Non-structural Management Practices

Activity Category: Non-Structural Management Practices

Staff time?: No

Description: Provide cost share and incentive payments for non structural land management practices with water quality benefits.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$19,800.00	\$19,800.00	\$0.00	09/15/2021	N

Actual Results

Provided incentive payments for 3 cover crop projects/contracts based on EOT SWCD non structural land management policies.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	476	Tons/Yr
Nutrients (Nitrate)	1624	Lbs/Yr
Soil (Est. Savings)	28	Tons/Yr

Activity Action Name:	2020-12 Huebsch yr1	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 09/09/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	464	Rusle2 (Updated)	Ground Water
Soil (Est. Savings)	Tons/Yr	152	WEPS (Wind Erosion Prediction System)	Surface Water

Activity Action Name:	2020-13 Meyer yr2	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	232	Rusle2 (Updated)	Ground Water
Soil (Est. Savings)	Tons/Yr	14	WEPS (Wind Erosion Prediction System)	Surface Water
Soil (Est. Savings)	Tons/Yr	26	WEPS (Wind Erosion Prediction System)	Surface Water

Activity Action Name:	2020-10 Schultz yr2	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	120	WEPS (Wind Erosion Prediction System)	Surface Water
Nutrients (Nitrate)	Lbs/Yr	232	Rusle2 (Updated)	Ground Water

Activity Action Name:	2020-12 Huebsch yr2	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date: 09/13/2021
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	464	Rusle2 (Updated)	Ground Water
Soil (Est. Savings)	Tons/Yr	152	WEPS (Wind Erosion Prediction System)	Surface Water

Activity Action Name:	2020-13 Meyer yr1	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:		Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	14	WEPS (Wind Erosion Prediction System)	Surface Water
Soil (Est. Savings)	Tons/Yr	26	WEPS (Wind Erosion Prediction System)	Surface Water
Nutrients (Nitrate)	Lbs/Yr	232	Bwsr Calc (Filter Strip)	Groundwater

Activity Name: Education and Outreach

Activity Category: Education/Information

Staff time?: No

Description: Educational and outreach efforts to include tours, field days, booths at trade shows and fairs, print materials, banners, videos, etc.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$12,040.19	\$7,959.81	12/31/2020	N

Actual Results

Funds were used to print annual year in review, staff time for outreach activities, supporting Irrigation Management Assistant tool, and trainings.

Activity Name: Equipment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Provide for equipment and technology of phones, computers, ipads, etc. Costs include EOT SWCD share of expense for joint computer server expenses and annual software subscriptions, copier/printer agreement, and cellular data packages. May also include a percentage for upgrades of vehicles or other large equipment needs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$16,000.00	\$13,111.57	\$2,888.43	12/31/2020	N

Actual Results

Provided for support of equipment needs of staff including software subscriptions for computers and Survey equipment, joint server and tablets for field use.

Activity Name: Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Funds will be used to continue to support the salary and benefits of staff to promote the excess nutrient BMPs including the shared engineer position with WOT and Becker SWCDs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$32,158.01	(\$2,158.01)	12/31/2020	N
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$38,738.02	(\$8,738.02)	12/31/2020	N
Current State Grant	2020 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$19,952.21	\$47.79	12/31/2020	N

Actual Results

Provided staff time for to promote, design, and install the Soil Erosion, Riparian, and excess nutrient BMP's including shared Engineer position contribution.



Grant Progress Report

SWCD Local Capacity Services 2019

Grant Title: 2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)

Grant ID: P19-2386

Grantee: Otter Tail, East SWCD

Fiscal Agent:

Grant Day-to-Day Contact: Darren Newville

Grant Award (\$): \$123,200.00

Amended Grant Award (\$):
\$123,200.00

Required Match (%): 0

Required Match (\$): \$0.00

Grant Execution Date: 11/15/2018

Grant End Date: 12/31/2021

Amended Grant End Date:

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$123,200.00	\$123,200.00	\$0.00
Match Funds	\$18,200.00	\$18,200.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$141,400.00	\$141,400.00	\$0.00

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Education and Outreach	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$15,000.00	\$3,300.00	\$11,700.00	N
Excess Nutrients - Education and	Education/Information	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00		\$10,000.00	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
Outreach							
Cost-share	Special Projects	Local Fund	Local Match	\$18,200.00	\$18,200.00	\$0.00	Y
Cost-share	Special Projects	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$18,200.00	\$18,200.00	\$0.00	N
Soil Erosion Equipment	Supplies/Equipment	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00	\$22,771.97	(\$12,771.97)	N
Soil Erosion Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$22,976.03	(\$2,976.03)	N
Excess Nutrients Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$32,976.00	(\$2,976.00)	N
Riparian Zone Management Staff	Technical/Engineering Assistance	Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$22,976.00	(\$2,976.00)	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
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<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	464	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	2.65	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	2.31	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	4.22	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	360	Tons/Yr

Grant Activities

Activity Name: Cost-share

Activity Category: Special Projects

Staff time?: No

Description: Provide Cost-share for projects with water quality benefits in East Otter Tail County.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Local Fund	Local Match	\$18,200.00	\$18,200.00	\$0.00	09/15/2021	Y
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$18,200.00	\$18,200.00	\$0.00	09/15/2021	N

Actual Results

Provided Cost-share for water quality related projects. See all detail report for project details.

Projects include 4 Critical Area Plantings and 2 Cover Crop contracts.

Pollution reductions of 464 lbs of Nitrates/year, 2.31 tons of sediment/year, 354 tons of soil/year and 2.65 lbs of phosphorous/year.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	2.31	Tons/Yr
Soil (Est. Savings)	4.22	Tons/Yr
Phosphorus (Est. Reduction)	2.65	Lbs/Yr
Nutrients (Nitrate)	464	Lbs/Yr
Soil (Est. Savings)	360	Tons/Yr

Activity Action Name:	Kotzenmacher	Activity Count: 1
Practice Type:	342 - Critical Area Planting	Size/Units: 0.04 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:		Install Date: 06/08/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.03	Bwsr Calc (Filter Strip)	Star Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.09	Bwsr Calc (Filter Strip)	Star Lake
Sediment (Tss)	Tons/Yr	0.07	Bwsr Calc (Filter Strip)	Star Lake

Activity Action Name: Selseth	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units: 0.05 - Acres
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 06/10/2020
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.05	Bwsr Calc (Filter Strip)	Little McDonald Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.08	Bwsr Calc (Filter Strip)	Little McDonald Lake
Soil (Est. Savings)	Tons/Yr	0.06	Bwsr Calc (Filter Strip)	Little McDonald Lake

Activity Action Name: Edvall	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units: 0.01 - Acres
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description:	Install Date: 06/09/2020
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.01	Bwsr Calc (Filter Strip)	Kerbs Lake
Sediment (Tss)	Tons/Yr	0.76	Bwsr Calc (Filter Strip)	Kerbs Lake
Phosphorus (Est. Reduction)	Lbs/Yr	0.88	Bwsr Calc (Filter Strip)	Kerbs Lake

Activity Action Name:	Russel Palubicki	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Single Species Cover Crop - Oats	Install Date: 09/13/2021
		Mapped: Yes

Activity Action Name:	Dean Schultz	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Single Species Cover Crop - Oats	Install Date: 08/31/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	240	Other	Surface Water
Nutrients (Nitrate)	Lbs/Yr	232	Other	Groundwater
Soil (Est. Savings)	Tons/Yr	3	Other	Surface Water

Activity Action Name:	Russell Palubicki	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Single Species Cover Crop - Oats	Install Date: 09/06/2020
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	120	Other	Surface Water
Nutrients (Nitrate)	Lbs/Yr	232	Other	Groundwater

Activity Action Name:	Camp Joy	Activity Count: 1
Practice Type:	342 - Critical Area Planting	Size/Units:
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:		Install Date: 10/25/2019
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.43	Bwsr Calc (Filter Strip)	Star Lake
Phosphorus (Est. Reduction)	Lbs/Yr	1.6	Bwsr Calc (Filter Strip)	Star Lake
Soil (Est. Savings)	Tons/Yr	1.12	Bwsr Calc (Filter Strip)	Star Lake

Activity Name: Education and Outreach

Activity Category: Education/Information

Staff time?: No

Description: Education and Outreach

Comprehensive Water Management Plan

Funds will be used to promote the EOT SWCD and our programs. Promotional items may include, videos, flyers, social media, website, and outreach events.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$15,000.00	\$3,300.00	\$11,700.00	08/01/2020	N

Actual Results

Provided funds to promote and maintain Irrigation Management Assistant tool and Web Hosting costs.

Activity Name: Excess Nutrients - Education and Outreach

Activity Category: Education/Information

Staff time?: No

Description: Excess Nutrients - Education and Outreach

Comprehensive Water Management Plan

Funds will be used to support education and outreach efforts on excess nutrient BMPs. Efforts may include supplies and provisions for educational meetings for various groups, promotion of events, speaker fees, etc. For example: Annual Winter Ag Producer Meeting, Winter Contractor Meeting.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00		\$10,000.00		N
Actual Results						
No funds expended in this work plan item.						

Activity Name: Excess Nutrients Staff						
Activity Category: Technical/Engineering Assistance					Staff time?: Yes	
Description: Excess Nutrients Staff						
Comprehensive Water Management Plan						
Funds will be used to continue to support the salary, benefits training of staff to promote the excess nutrient management BMPs including supporting the shared engineer position with the WOT and Becker SWCDs.						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$32,976.00	(\$2,976.00)	12/31/2019	N
Actual Results						
Funds were used to support the salary and benefits for the EOT SWCD staff to promote and implement Excess Nutrient BMPs and the shared engineer position with the WOT and Becker SWCDs. Staff workload included irrigation water management, nutrient management test plots, seeding assistance, educational and promotional activities, admin and tracking, and project investigation, planning and design.						

Activity Name: Riparian Zone Management Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Riparian Zone Management Staff

Comprehensive Water Management Plan

Funds will be used to support the salary, benefits and training for staff to promote and implement riparian BMPS. This will also support the shared engineer position with the WTO and Becker SWCDs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$22,976.00	(\$2,976.00)	12/31/2019	N

Actual Results

Funds were used to support the salary and benefits for the EOT SWCD staff and the shared engineer position with the WOT and Becker SWCDs. Staff time included admin and tracking, education and outreach, investigating and engineering of projects, supporting buffer installation and shoreline restorations, and riparian forestry practices.

Activity Name: Soil Erosion Equipment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Soil Erosion Equipment

Comprehensive Water Management Plan

Funds will be used to upgrade or maintain equipment and technologies needed by staff to address soil erosion issues, including software updates for computers and surveying equipment.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00	\$22,771.97	(\$12,771.97)	12/31/2019	N

Actual Results

Provided for updates to phone system/computer server and a portion of a new field truck for use by staff for field visits.

Activity Name: Soil Erosion Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Soil Erosion Staff

Comprehensive Water Management Plan

Funds will be used to support the salary, benefits and training for staff to promote and implement soil erosion BMPs, including the shared engineering position with the WOT and Becker SWCDS.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2019 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$20,000.00	\$22,976.03	(\$2,976.03)	12/31/2019	N

Actual Results

Funds were used to support the salary and benefits for the EOT SWCD staff and the shared engineer position with the WOT and Becker SWCDs. Staff activities include admin and reporting, educational and outreach efforts, investigating, designing and engineering of practices, field windbreaks, and soil health activities.



Grant Progress Report

SWCD Local Capacity Services 2018

Grant Title: 2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)

Grant Award (\$): \$118,200.00

Grant Execution Date: 10/04/2017

Grant ID: P18-3580

Required Match (%): 0

Grant End Date: 12/31/2020

Grantee: Otter Tail, East SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Darren Newville

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$118,200.00	\$118,200.00	\$0.00
Match Funds	\$18,200.00	\$18,200.00	\$0.00
Other Funds	\$0.00	\$0.00	\$0.00
Total	\$136,400.00	\$136,400.00	\$0.00

*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	Category	Source Type	Source Description	Budgeted	Spent	Balance Remaining	Match Fund?
Excess Nutrients - Education and Information	Education/Information	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00	\$4,860.99	(\$4,860.99)	N
Cost-share	Special Projects	Local Fund	Otter Tail County	\$18,200.00	\$18,200.00	\$0.00	Y
Cost-share	Special Projects	Current State Grant	2018 - SWCD Local Capacity Services	\$18,200.00	\$18,200.00	\$0.00	N

<i>Activity Name</i>	<i>Category</i>	<i>Source Type</i>	<i>Source Description</i>	<i>Budgeted</i>	<i>Spent</i>	<i>Balance Remaining</i>	<i>Match Fund?</i>
			(Otter Tail, East SWCD)				
Soil Erosion Equipment	Supplies/Equipment	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00	\$17,848.65	(\$17,848.65)	N
Soil Erosion/Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$35,000.00	\$24,369.69	\$10,630.31	N
Excess Nutrients/Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$20,000.00	\$10,000.00	N
Soil Erosion/Training	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00	\$9,754.91	\$245.09	N
Riparian Zone Management/Staff	Technical/Engineering Assistance	Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$25,000.00	\$23,165.76	\$1,834.24	N

Indicator Summary

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	59.99	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	65.56	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	8.81	Tons/Yr
Wind Erosion (Reduction Estimates)	Soil (Est. Savings)	4.03	Tons/Yr

Grant Activities

Activity Name: Cost-share						
Activity Category: Special Projects					Staff time?: No	
Description: Cost-share for water quality practices						
Budget Details						
<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$18,200.00	\$18,200.00	\$0.00	12/19/2018	N
Local Fund	Otter Tail County	\$18,200.00	\$18,200.00	\$0.00	08/21/2019	Y

Actual Results

Provided Cost Share for several projects as reported in eLINK. Projects include buffer strips, shoreland buffers, grade stabilization structure, and well decommissioning.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	4.03	Tons/Yr
Sediment (Tss)	65.56	Tons/Yr
Soil (Est. Savings)	8.81	Tons/Yr
Phosphorus (Est. Reduction)	59.99	Lbs/Yr

Activity Action Name: Ray Sazama Buffer	Activity Count: 3
Practice Type: 393 - Filter Strip	Size/Units:
TA Provider/JAA:	Lifespan: 10 Years
Practice Description: Buffer Strip - MN Buffer Law	Install Date:
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	6.01	Bwsr Calc (Filter Strip)	Public Waters
Sediment (Tss)	Tons/Yr	60.37	Bwsr Calc (Filter Strip)	Public Water
Phosphorus (Est. Reduction)	Lbs/Yr	53.17	Bwsr Calc (Filter Strip)	Public Water

Activity Action Name:	Mark Halbakken	Activity Count: 2
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:		Lifespan: In Perpetuity
Practice Description:	Unused Well Sealing	Install Date: 05/11/2018
		Mapped: Yes

Activity Action Name:	Robert Wulff	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units:
TA Provider/JAA:		Lifespan: In Perpetuity
Practice Description:	Unused well sealing	Install Date: 08/13/2018
		Mapped: Yes

Activity Action Name:	Nikki Brown	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:		Lifespan: In Perpetuity
Practice Description:	Unused well sealing	Install Date: 09/20/2018
		Mapped: Yes

Activity Action Name:	Moll Shoreline Buffer	Activity Count: 1
Practice Type:	393 - Filter Strip	Size/Units: 1 - Acres
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Shoreline buffer	Install Date: 06/11/2018
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.02	Bwsr Calc (Filter Strip)	Otter Tail Lake
Sediment (Tss)	Tons/Yr	0.56	Bwsr Calc (Filter Strip)	Otter Tail Lake
Phosphorus (Est. Reduction)	Lbs/Yr	1.07	Bwsr Calc (Filter Strip)	Otter Tail Lake

Activity Action Name: Dacy Shoreline	Activity Count: 1
Practice Type: 393 - Filter Strip	Size/Units:
TA Provider/JAA:	Lifespan: 10 Years
Practice Description: Shoreline buffer	Install Date:
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.68	Bwsr Calc (Filter Strip)	Otter Tail Lake
Phosphorus (Est. Reduction)	Lbs/Yr	1.43	Bwsr Calc (Filter Strip)	Otter Tail Lake
Soil (Est. Savings)	Tons/Yr	0.01	Bwsr Calc (Filter Strip)	Otter Tail Lake

Activity Action Name: Brad Carlson	Activity Count: 1
Practice Type: 351 - Well Decommissioning	Size/Units:
TA Provider/JAA:	Lifespan: In Perpetuity
Practice Description: unused well sealing	Install Date:
	Mapped: Yes

Activity Action Name:	Leinen Grade Stabilization	Activity Count: 1
Practice Type:	410 - Grade Stabilization Structure	Size/Units:
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Grade stabilization structure with outlet and rock chute	Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	2.34	Bwsr Calc (Gully Stabilization)	Marion Lake
Soil (Est. Savings)	Tons/Yr	2.75	Bwsr Calc (Gully Stabilization)	Marion Lake
Sediment (Tss)	Tons/Yr	2.75	Bwsr Calc (Gully Stabilization)	Marion Lake

Activity Action Name:	Jason Moore	Activity Count: 1
Practice Type:	650 - Windbreak/Shelterbelt Renovation	Size/Units:
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:		Install Date: 05/20/2019
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	3.4	WEPS (Wind Erosion Prediction System)	Not applicable

Activity Action Name:	Garth Albers	Activity Count: 1
Practice Type:	650 - Windbreak/Shelterbelt Renovation	Size/Units: 5745 - Linear Feet
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:		Install Date: 05/20/2019
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	0.63	WEPS (Wind Erosion Prediction System)	Not Applicable

Activity Action Name:	Pasek Shoreline	Activity Count: 1
Practice Type:	393 - Filter Strip	Size/Units:
TA Provider/JAA:		Lifespan: 10 Years
Practice Description:	Shoreline stabilization	Install Date:
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.98	Bwsr Calc (Filter Strip)	Otter Tail Lake
Soil (Est. Savings)	Tons/Yr	0.02	Bwsr Calc (Filter Strip)	Otter Tail Lake
Sediment (Tss)	Tons/Yr	1.2	Bwsr Calc (Filter Strip)	Otter Tail Lake

Activity Name: Excess Nutrients - Education and Information

Activity Category: Education/Information **Staff time?:** No

Description: Educational and outreach efforts to include tours, field days, booths at trade shows and fairs, print materials, banners, videos, etc.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00	\$4,860.99	(\$4,860.99)	12/31/2019	N

Actual Results

Updated website, produced videos and printed SWCD brochures. Visit www.eotswcd.org to see the results.

Activity Name: Excess Nutrients/Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Excess Nutrients/Staff

Comprehensive Water Management Plan

Funds will be used to continue to support the salary and benefits of staff to promote the excess nutrient BMPs including the shared engineer position with WOT and Becker SWCDs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$30,000.00	\$20,000.00	\$10,000.00	12/31/2018	N

Actual Results

Funds were used to support the salary and benefits for the EOT SWCD staff to promote and implement Excess Nutrient BMPs and the shared engineer position with the WOT and Becker SWCDs. Staff workload included irrigation water management, nutrient management test plots, seeding assistance, educational and promotional activities, admin and tracking, and project investigation, planning and design.

Activity Name: Riparian Zone Management/Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Riparian Zone Management/Staff

Comprehensive Water Management Plan

Funds will be used to continue to support the salary and benefits for staff to promote and implement riparian BMPs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$25,000.00	\$23,165.76	\$1,834.24	12/31/2019	N

Actual Results

Funds were used to support the salary and benefits for the EOT SWCD staff and the shared engineer position with the WOT and Becker SWCDs. Staff time included admin and tracking, education and outreach, investigating and engineering of projects, supporting buffer installation and shoreline restorations, and riparian forestry practices.

Activity Name: Soil Erosion Equipment

Activity Category: Supplies/Equipment

Staff time?: No

Description: Provide for technology of phones, computers, ipads, etc.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$0.00	\$17,848.65	(\$17,848.65)	12/31/2019	N

Actual Results

Provided for technology of phones, computers, ipads, etc. Costs include EOT SWCD share of expense for joint computer server expenses and annual software subscriptions, copier/printer agreement, and cellular data packages.

Activity Name: Soil Erosion/Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Soil Erosion/Staff

Comprehensive Water Management Plan

Funds will be used to continue to support salary and benefits for staff to promote and implement soil erosion BMPs including the shared engineering position with WOT and Becker SWCDs.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$35,000.00	\$24,369.69	\$10,630.31	12/31/2018	N

Actual Results

Funds were used to support the salary and benefits for the EOT SWCD staff and the shared engineer position with the WOT and Becker SWCDs. Staff activities include admin and reporting, educational and outreach efforts, investigating, designing and engineering of practices, field windbreaks, and soil health activities.

Activity Name: Soil Erosion/Training

Activity Category: Technical/Engineering Assistance

Staff time?: No

Description: Soil Erosion/Training

Comprehensive Water Management Plan

Funds will be used to support training for staff including registration/accommodations and travel expenses.

Budget Details

<u>Source Type</u>	<u>Source Description</u>	<u>Budgeted</u>	<u>Spent</u>	<u>Balance Remaining</u>	<u>Last Transaction Date</u>	<u>Match Fund?</u>
Current State Grant	2018 - SWCD Local Capacity Services (Otter Tail, East SWCD)	\$10,000.00	\$9,754.91	\$245.09	12/31/2019	N

Actual Results

Supported staff training. 2 program lead staff members to attend MASWCD Leadership Training.