



Grant Progress Report

Watershed Based Implementation JUN 2022

Grant Title: Redeye Watershed Based Implementation Funding FY23/23 **Grant Award (\$):** \$706,488.00

Grant Execution Date: 08/11/2022

Grant ID: C22-7830

Required Match (%): 10

Grant End Date: 12/31/2025

Grantee: Otter Tail, East SWCD

Required Match (\$): \$70,648.80

Fiscal Agent:

Grant Day-to-Day Contact: Darren Newville

	Total Budgeted	Total Spent	Balance Remaining*
Grant Funds	\$706,488.00	\$694,375.16	\$12,112.84
Match Funds	\$70,648.80	\$93,814.54	(\$23,165.74)
Other Funds	\$6,523.44	\$6,523.44	\$0.00
Total	\$783,660.24	\$794,713.14	(\$11,052.90)

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

Project Abstract	<p>Watershed based implementation funds will be used to target conservation practices utilizing the principles associated with Prioritize, Target and Measure as referenced in our Local Comprehensive Watershed Management Plan. The following are projects/practices, and their associated pollution reduction estimates, that are included in this budget request: (500 acres of Nonstructural BMPs) to protect/improve land management and reduce bacteria will reduce phosphorus by 65 lbs/yr, nitrogen by 520 lbs/yr, and sediment by 285 tons/yr. (40 acres of Forest Stand Improvement) to address land protection goal will meet 20% of the Land Protection Goal. (2 Livestock Waste Management Projects) will reduce 22 lbs/yr of phosphorus, 82 lbs/yr of nitrogen and 349 lbs of BOD per year. (1,878 acres of Groundwater Based Practices) will meet 20% of the Groundwater Protection Goal. (425ft of Streambank Protection) will reduce phosphorus by 6 lbs/yr and sediment by 7 tons/yr which is 1.1 percent of the 10 year goal.</p>
Proposed Measurable Outcomes	<p>Total measurable outcomes from planned practices totals: 93 lbs/yr of phosphorus; 292 tons/yr of sediment; 602 lbs/yr of</p>

nitrogen; and 349 lbs/yr of BOD reduction.

Budget Details

<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>
FY23/24 Redeye 1W1P Administration/Coordination	Administration/Coordination	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$73,479.13	\$73,479.13	\$0.00	N
P25-0145-03 Steinbach	Agricultural Practices	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$450.00	\$450.00	\$0.00	N
P25-0145-03 Steinbach	Agricultural Practices	Other Funds	2025 - Conservation Contracts (Otter Tail, East SWCD)	\$3,225.00	\$3,225.00	\$0.00	N
FY23/24 Redeye 1W1P Education/Information	Education/Information	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$8,064.63	\$8,064.63	\$0.00	N
FY23/24 Redeye 1W1P Forest Stand Improvement	Forestry Practices	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$6,604.75	\$6,604.75	\$0.00	N
FY23/24 Redeye 1W1P Ground Water Based Practices	Groundwater	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$20,437.39	\$8,324.55	\$12,112.84	N
FY23/24 Redeye 1W1P Feedlot Improvements	Livestock Waste Management	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$243,162.60	\$243,162.60	\$0.00	N
P22-3257-05 Reinke	Livestock Waste Management	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$1,649.22	\$1,649.22	\$0.00	N
P22-3257-05 Reinke	Livestock Waste Management	Other Funds	Bluff and Oak Creeks NKE P1	\$3,298.44	\$3,298.44	\$0.00	N
FY23/24 Redeye 1W1P Land Management Practices	Non-Structural Management Practices	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$99,677.77	\$99,677.77	\$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>
FY23/24 Redeye 1W1P Project Development	Project Development	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$69,808.61	\$69,808.61	\$0.00	N
FY23/24 Redeye 1W1P Structural Ag BMPs	Streambank or Shoreline Protection	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$10,034.70	\$10,034.70	\$0.00	N
FY23/24 Redeye 1W1P Technical Assistance/Engineering	Technical/Engineering Assistance	Current State Grant	Redeye Watershed Based Implementation Funding FY23/23	\$173,119.20	\$173,119.20	\$0.00	N
FY23/24 Redeye Match	Agricultural Practices	Landowner Fund		\$70,648.80	\$93,814.54	(\$23,165.74)	Y

<i>Indicator Category</i>	<i>Proposed Indicator</i>	<i>Total Value</i>	<i>Unit</i>
MinnFARM	Nitrogen	82	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	6	Lbs/Yr
MinnFARM	BOD 5	349	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	7	Tons/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	285	Tons/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	65	Lbs/Yr
MinnFARM	Phosphorus Feedlot (Est. Reduction)	22	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	520	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	4.63	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	5.21	Tons/Yr
Water Pollution (Reduction Estimates)	Soil (Est. Savings)	4.55	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	6041	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	295.9	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	122.9	Tons/Yr
Water Pollution (Reduction Estimates)	Nutrients (Nitrate)	13934.2	Lbs/Yr
MinnFARM	BOD 5	203	Lbs/Yr
MinnFARM	COD	912	Lbs/Yr
MinnFARM	Fecal Coliform	23000000000000	Cfu/Yr
MinnFARM	Nitrogen	50	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
MinnFARM	Phosphorus Feedlot (Est. Reduction)	15	Lbs/Yr
Pollution Prevention	Prevention	2	Count
Water Pollution (Reduction Estimates)	Nitrogen	50	Lbs/Yr
Water Pollution (Reduction Estimates)	Pathogens (E. Coli)	19500000000000000	Cfu
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	35	Lbs/Yr
Water Pollution (Reduction Estimates)	Nitrogen	177.6	Lbs/Yr
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	13.7	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	9.5	Tons/Yr
Water Pollution (Reduction Estimates)	Nitrogen	253.3	Lbs/Yr

<i>Indicator Category</i>	<i>Final Indicator</i>	<i>Total Value</i>	<i>Unit</i>
Water Pollution (Reduction Estimates)	Phosphorus (Est. Reduction)	12.5	Lbs/Yr
Water Pollution (Reduction Estimates)	Sediment (Tss)	4	Tons/Yr

Grant Activities

Activity Name: FY23/24 Redeye 1W1P Administration/Coordination

Activity Category: Administration/Coordination **Staff time?:** Yes

Description: WBIF will be used to cover approximately 820 hours (.4 FTE) at an average billable rate of \$60 per hour for administration and coordination related activities which include grant time spent coordinating Policy Committee Meetings, Technical Advisory Committee Meetings, Forestry Team Meetings, Citizen Advisory Committee Meetings, bookkeeping, reporting, staff management, reconciliations and audits (as required) and in accordance with BWSR's 2023 fiscal year grant policy and grant administration manual. Agreements with other LGUs have been developed to track progress and distribute funds. Funds will be used to cover staff time associated with facilitating meetings, and overseeing implementation of the plan.

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	Redeye Watershed Based Implementation Funding FY23/23	\$73,479.13	\$73,479.13	\$0.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 10:33:50 AM
2023: Funds spent in Becker SWCD on staff time for administration and coordination.	1/25/2024 9:59:56 AM
2024: The Fiscal Agent tracked and disbursed funds consistent with the grant work plan, provided accountability for all funds, including but	1/16/2025 1:08:14 PM

Results

Date Added

not limited to receipts and audits (if needed), provided the Policy and Advisory Committee records of the financial condition of the grant agreement, handled all administrative responsibilities of the grant, managed contracts with other LGUs, and handled all grant reporting in accordance with BWSR’s grant policy and GAM. Agreements with other LGUs have been developed to track progress and disburse funds. The grant coordinator has facilitated meetings, oversaw implementation of the plan, and performed other duties as needed to keep the committees and citizens of the watershed informed about implementation and plan progress. Partnered LGU's tracked local allocated funds and submit reimbursements to the Fiscal Agent consistently with the grant work plan, provided accountability for all funds, including but not limited to receipts and audits (if needed).

2025: WBIF covered approximately 985.25 hours between LGUs for administration and coordination in this grant cycle. The Fiscal Agent tracked and disbursed funds consistent with the grant work plan, provided accountability for all funds, including but not limited to receipts and audits (if needed), provided the Technical Advisory Committee and Policy Committee records of the financial condition of the grant agreement, handled all administrative responsibilities of the grant, managed contracts with other LGUs, and handled all grant reporting in accordance with BWSR’s grant policy and GAM. Agreements with other LGUs have been developed to track progress and disburse funds. The grant coordinator has facilitated meetings, oversaw implementation of the plan, and performed other duties as needed to keep the committees and citizens of the watershed informed about implementation and plan progress. The Redeye watershed implementation team went through BWSR’s PRAP which assessed the performance of local units of government responsible for the conservation of water and related land resources. LGU's tracked local allocated funds and submit reimbursements to the Fiscal Agent consistently with the grant work plan, provided accountability for all funds, including but not limited to receipts and audits (if needed).

1/12/2026 3:23:24 PM

Activity Name: FY23/24 Redeye 1W1P Education/Information

Activity Category: Education/Information **Staff time?:** Yes

Description: WBIF will be used to cover costs associated with Education and Information as it relates to implementation programs identified in the 1W1P. Education and Information will be used to support efforts to "Manage, Fix, and Keep" priority resources as needed and identified in the plan - see page 102. Examples of efforts include material output, such as brochures, mailings (30 landowners - targeted mailings), social media posts (8), postage, landowner meetings (30 - one on one) and workshops (2). Staff time of approximately 70 hours at an average billable rate of \$50 per hour will be charged to the grant.

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	Redeye Watershed Based Implementation Funding FY23/23	\$8,064.63	\$8,064.63	\$0.00	07/31/2025	N
Actual Results						
<u>Results</u>					<u>Date Added</u>	
No funds spent in 2022.					8/8/2022 10:34:59 AM	
No funds spent in 2023.					1/25/2024 10:00:29 AM	
2024: No funds spent for education information in 2024. EOT SWCD staff mailed a shoreline restoration postcard to 89 landowners on Middle Leaf Lake and conducted 5 site visits. EOT and Wadena SWCD hosted two cafe talk sessions to 17 local landowners to discuss conservation projects in the Redeye Watershed.					1/21/2025 8:59:44 AM	
2025: WBIF was used to cover the cost of education and information materials to support implementation programs identified in the 1W1P. The education and information materials included development of well sealing postcards and letters between LGUs to support the Drinking Water Protection - Well Sealing Goal in the 1W1P; Todd SWCD mailed 493 postcards to inform landowners about having their water tested, to seal any old wells that they may have on their property, and to get landowners thinking about other conservation practices on their property to protect their drinking water. Becker SWCD used GIS mapping to identify 13 homesteads that no longer exist and mailed letters out to landowners on potentially sealing abandoned well on property. Wadena SWCD and EOT SWCD mailed a total of 1,068 well sealing postcards/letters to provide information to landowners on our well sealing program because of these efforts 3 wells were sealed in 2025 throughout the Redeye watershed. EOT SWCD used WBIF to cover the cost of Shoreland Education mailing to 307 landowners on West Leaf Lake, 15 landowners responded with interest to install a shoreline project. West Leaf Lake is a priority lake identified in the 1W1P and supports efforts towards the Lake Phosphorus Reduction Goal. EOT and Wadena advertised 8 social media events in the watershed, including Nitrate Clinics and Soil Health events. Becker SWCD used WBIF to cover the cost of coordinating a Soil Health Roundtable Event held in the Redeye watershed, this included 81 hours for staff time. There was a total of 22 producers from Wadena, EOT, and Becker representing 14 farms in the Redeye watershed. Topics of the Soil Health Roundtable event included Nutrient Management, Soil Health Testing, Cover Crop Selection, Pest Management, and Tillage.					1/12/2026 3:28:04 PM	

Activity Name: FY23/24 Redeye 1W1P Feedlot Improvements

Activity Category: Livestock Waste Management

Staff time?: No

Description: WBIF funds will be used to cost share livestock waste management projects. Funding will be targeted towards streams with E. coli impairments. Streams include: Bluff Creek, Oak Creek and the Wing River (See page 79). The majority of WBIF funds will be directed towards one shovel ready project which is located on the Wing River (in a high priority planning region - see page 78). The Wing River is also impaired for E coli. Additional sites will be determined based on available funds and targeted using the same references above. Cost share will be used in accordance with the fiscal year 2023 BWSR grant policy and Grant Administration Manual. Pollution reduction estimates for the feedlot improvements on the Wing River will reduce Phosphorus by 22 pounds per year, Nitrogen by 82 pounds per year and 349 pounds BOD per year (Pollution Reductions determined by MINNFARM)

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	Redeye Watershed Based Implementation Funding FY23/23	\$243,162.60	\$243,162.60	\$0.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 9:53:37 AM
No funds spent in 2023.	1/25/2024 10:00:54 AM
2024: Todd SWCD approved final payment for one pit closure project which will reduce E.coli pollution in the Wing River planning region. Todd SWCD approved final payment on a feedlot fix/ roof over project which will prevent drainage to wetlands and ditch to the Wing River. Wadena SWCD approved final payment for one pit closure which was a pollution hazard to Hay Creek in the Redeye planning region. Wadena SWCD used funds for a second pit closure which was a pollution hazard to Thomas Creek in the Wing River planning region. Staff is currently looking into how to calculate pollution reduction numbers for Ag Waste Pit Closures.	1/21/2025 9:02:01 AM
2025: EOT SWCD approved final payment for one pit closure project which was a pollution hazard in the Upper Leaf River planning region. Todd SWCD approved final payment for closing an unused earthen liquid manure storage area (LMSA) that was in soil types that typically have a perched water table in the Wing River planning region. Todd SWCD approved final payment for closing an abandoned Ag Waste Pit to	1/6/2026 2:33:04 PM

Results

Date Added

protect groundwater and reduce bacteria to the Wing River. Becker SWCD approved final payment on two Ag Waste Pit Closures located in the Redeye River planning region. MINNFARM calculates feedlot improvements but not Ag Waste Pit Closures, staff are currently looking into how to calculate pollution reduction numbers for Ag Waste Pit Closures.

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
BOD 5	203	Lbs/Yr
Fecal Coliform	2300000000000000	Cfu/Yr
Nitrogen	50	Lbs/Yr
Prevention	2	Count
COD	912	Lbs/Yr
Nitrogen	50	Lbs/Yr
Phosphorus Feedlot (Est. Reduction)	15	Lbs/Yr
Phosphorus (Est. Reduction)	35	Lbs/Yr
Pathogens (E. Coli)	1950000000000000	Cfu
	0	

Activity Action Name:	2024.04.11-3.4 Kneisl	Activity Count: 1
Practice Type:	367 - Waste Facility Cover	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	367 Roof over & 313 Waste storage	Install Date: 09/12/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
BOD 5	Lbs/Yr	203	MinnFARM	Wing River
COD	Lbs/Yr	912	MinnFARM	Wing River
Fecal Coliform	Cfu/Yr	2300000000000000	MinnFARM	Wing River
Nitrogen	Lbs/Yr	50	MinnFARM	Wing River
Phosphorus Feedlot (Est. Reduction)	Lbs/Yr	15	MinnFARM	Wing River

Activity Action Name:	2024.10.12-3.15 Kneisl	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	ag waste pit closure in the Wing River watershed	Install Date: 09/12/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	7	Other	surface water
Pathogens (E. Coli)	Cfu	1120000000000000	Other	Wing River
Nitrogen	Lbs/Yr	11	Other	ground water

Activity Action Name:	8-C22-7830-01 Kern	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	Ag waste pit closure in the redeye river watershed.	Install Date: 12/16/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	11	Other	ground water
Pathogens (E. Coli)	Cfu	6270000000000000	Other	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	7	Other	surface water

Activity Action Name:	6-C22-7830-14 Peterson	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	ag waste pit (360,000cf) closed in Upper Leaf river watershed	Install Date: 10/18/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	7	Other	surface water
Pathogens (E. Coli)	Cfu	6650000000000000	Other	surface water
Nitrogen	Lbs/Yr	11	Other	ground water

Activity Action Name:	2024.03.14-3.9 Arvidson	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	closure of unused ag waste pit in the redeye watershed	Install Date: 10/07/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	11	Other	ground water
Pathogens (E. Coli)	Cfu	2730000000000000	Other	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	7	Other	surface water

Activity Action Name:	20250410-3.4 Lovelace	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	closure of abandoned ag waste pit in the wing river watershed	Install Date: 12/15/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	7	Other	surface water
Pathogens (E. Coli)	Cfu	2730000000000000	Other	surface water
Nitrogen	Lbs/Yr	6	Other	ground water

Activity Action Name:	1W1P-14-RE Huwe	Activity Count: 1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	closure of ag waste pit in the redeye watershed	Install Date: 12/02/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	ground water

Activity Action Name:	1W1P-15-RE Rader	Activity Count:	1
Practice Type:	360 - Closure of Waste Impoundments	Size/Units:	1 - Count
TA Provider/JAA:	SWCD	Lifespan:	In Perpetuity
Practice Description:	closure of ag waste pit in the Redeye watershed	Install Date:	12/02/2025
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Prevention	Count	1	Other	ground water

Activity Action Name:	8-P22-6162-02 Malone	Activity Count:	0
Practice Type:	360 - Closure of Waste Impoundments	Size/Units:	
TA Provider/JAA:		Lifespan:	
Practice Description:	Ag waste pit closure, activity details entered in grant P22-6162. No reduction numbers at this time.	Install Date:	
		Mapped:	No

Activity Name: FY23/24 Redeye 1W1P Forest Stand Improvement

Activity Category: Forestry Practices

Staff time?: No

Description: WBIF funds will be used for priority forest stand improvement practices, using water quality based FOTG practices previously developed by the Technical Advisory Committee and as identified in the Redeye 1W1P and Landscape Stewardship Plan. The implementation of 40 acres of forest stand improvement practices will make progress towards the Redeye 1W1P Goal 6: Land Protection and will result in 20% of the 10 year (200 acre) Land Protection goal. Targeting efforts will be focused primarily in the Upper Leaf, Redeye and Wing planning regions (see Redeye 1W1P page 84) and landowners with parcels of high, higher, and highest priority RAQ (Riparian-Adjacency-Quality) scores as identified in the Redeye River Watershed Landscape Stewardship Plan (see page 24).

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	Redeye Watershed Based Implementation Funding FY23/23	\$6,604.75	\$6,604.75	\$0.00	11/24/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 9:27:45 AM
2023: Funds spent to cost share one forest stewardship plan in Becker SWCD.	1/25/2024 10:01:37 AM
2024: EOT SWCD approved payment on two Forest Stewardship Plans: one for 184 acres within targeted forest land focus area and medium prioritization in land management area in the Redeye planning region and one for 38 acres within medium prioritization in land management area in the Middle Leaf planning region. EOT SWCD used funds to complete a Shrub/Tree Establishment on 8.61 acres within medium prioritization in land management area in the Middle Leaf planning region.	1/21/2025 9:17:30 AM
2025: EOT SWCD approved payment on one Forest Stewardship plan on 80 acres within targeted forest land focus are and medium prioritization in land management area in the Upper Leaf planning region. Wadena SWCD approved payment on two Forest Stewardship Plans: one for 62 acres and one 136 acres both within targeted land focus area and low prioritization in land management area in the Middle Leaf planning region.	1/5/2026 10:45:18 AM

Activity Action Name:	6-C22-7830-07 Brandt	Activity Count:	1
Practice Type:	147M - Forestry Management	Size/Units:	80 - Acres
TA Provider/JAA:	SWCD	Lifespan:	10 Years
Practice Description:	Forest stewardship plan includes 80 acres in the Redeye/Upper Leaf River watershed.	Install Date:	06/23/2025
		Mapped:	Yes

Activity Action Name:	8-C22-7830-06 Fischer	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 139 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	forest stewardship plan in the Middle Leaf planning region.	Install Date: 10/07/2025
		Mapped: Yes

Activity Action Name:	6-C22-7830-03 Dornbusch	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 150 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	forest stewardship plan, falls within targeted forest land are in the watershed, medium prioritization area	Install Date: 11/20/2024
		Mapped: Yes

Activity Action Name:	6-C22-7930-01 Welter	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 38 - Acres
TA Provider/JAA:	Private Consultant	Lifespan: 10 Years
Practice Description:	forest stewardship plan, within a medium prioritization for land management area	Install Date: 04/16/2024
		Mapped: Yes

Activity Action Name:	8-C22-7830-05 Fischer	Activity Count: 1
Practice Type:	147M - Forestry Management	Size/Units: 62 - Acres
TA Provider/JAA:	SWCD	Lifespan: 10 Years
Practice Description:	forest stewardship plan in the Middle Leaf planning region	Install Date: 10/07/2025
		Mapped: Yes

Activity Action Name:	C21-3238-29 Dunagan	Activity Count: 0
Practice Type:	612 - Tree/Shrub Establishment	Size/Units:
TA Provider/JAA:		Lifespan:
Practice Description:	Establishment of a buffer/windbreak around fields. Activity Detail recorded in Grant C21-3238, within a medium prioritization land management area. 6/30/2024	Install Date:
		Mapped: No

Activity Name: FY23/24 Redeye 1W1P Ground Water Based Practices

Activity Category: Groundwater **Staff time?:** No

Description: WBIF will be used to provide financial assistance to landowners to help with the conversion to low pressure systems and the implementation of nutrient and irrigation management plans. 1,878 acres of ground water based practices will be installed. These practices will address Goal 2: Nitrogen Management and Goal 8: Groundwater Sustainability. Targeting and Prioritizing practices that address Nitrogen Management will be directed towards higher priority planning regions which include the Wing, Upper Leaf, and Middle Leaf - see page 71 of the plan. Groundwater Sustainability practices will be targeted watershed wide - see page 90). Implementation of 1,878 planned practices will result in 19% of the 10 year plan goal - Nitrogen Management - see page 74.

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	Redeye Watershed Based Implementation Funding FY23/23	\$20,437.39	\$8,324.55	\$12,112.84	12/17/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 10:14:23 AM
No funds spent in 2023.	1/25/2024 10:02:27 AM
2024: EOT and Wadena SWCD approved payment on four Irrigation Water Management contracts with a total of 851 acres. Two IWM	1/21/2025 9:23:22 AM

Results

Date Added

contracts in the Upper Leaf planning region within medium prioritization of Nitrogen Management area with a total of 620 acres and two IWM contracts in the Wing River planning region within high prioritization of Nitrogen Management area with a total of 231 acres. Staff is currently looking into pollution reduction numbers.

2025: EOT and Wadena SWCD approved payment on five Irrigation Water Management (IWM) contracts with a total of 1,754 acres. Three IWM contracts in the Upper Leaf planning region within medium prioritization of Nitrogen Management area with a total of 1,472 acres and two IWM contracts in the Wing River planning region within high prioritization of Nitrogen Management area with a total of 282 acres. Sealed two wells in the Redeye watershed for groundwater protection used discretionary budget adjustment. 1/5/2026 11:21:46 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nutrients (Nitrate)	13934.2	Lbs/Yr

Activity Action Name:	6-C22-7830-04 Sakry	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 277 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Yr 1 pmt for 3 year contract for IWM, Upper Leaf R planning region, medium priority area for nitrogen mgmt.	Install Date: 12/18/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	2049.8	Other	ground water

Activity Action Name:	6-C22-7830-05 Sakry	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 343 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Yr 1 pmt for 3 year contract for IWM, Upper Leaf R planning region, medium priority area for nitrogen mgmt.	Install Date: 12/18/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	2538.2	Other	ground water

Activity Action Name:	6-C22-7830-06 Peppersack	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 180 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Yr 1 pmt for 3 yr contract for IWM, Wing River planning region, high priority area for nitrogen mgmt.	Install Date: 05/31/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	1332	Other	ground water

Activity Action Name:	6-C22-7830-02 Fraki	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 232 - Acres
TA Provider/JAA:	SWCD	Lifespan: 2 Years
Practice Description:	irrigation scheduling for 232 acres in the Upper Leaf river watershed	Install Date: 12/17/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	858.4	Other	ground water

Activity Action Name:	6-C22-7830-08 Pine Breeze Farms	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	SWCD	Lifespan: In Perpetuity
Practice Description:	Sealing of an abandoned sand point well.	Install Date: 05/18/2025
		Mapped: Yes

Activity Action Name:	6-C22-7830-06 Peppersack	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 180 - Acres
TA Provider/JAA:	SWCD	Lifespan: 2 Years
Practice Description:	Irrigation scheduling for two years in the Wing river watershed.	Install Date: 12/17/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	1332	Other	ground water

Activity Action Name:	6-C22-7830-05 Sakry	Activity Count: 1
Practice Type:	449 - Irrigation Water Management	Size/Units: 686 - Acres
TA Provider/JAA:	SWCD	Lifespan: 2 Years
Practice Description:	Yr 2 & yr 3 pmt for 3 year contract for IWM, Upper Leaf R planning region, medium priority area for nitrogen mgmt.	Install Date: 11/19/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	2538.2	Other	ground water

Activity Action Name:	6-C22-7830-04 Sakry			Activity Count: 1
Practice Type:	449 - Irrigation Water Management			Size/Units: 554 - Acres
TA Provider/JAA:	SWCD			Lifespan: 2 Years
Practice Description:	Yr 2 and yr 3 pmt for 3 year contract for IWM, Upper Leaf R planning region, medium priority area for nitrogen mgmt.			Install Date: 11/19/2025
				Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	2049.8	Other	ground water

Activity Action Name:	8-C21-3238-01 Tunstra			Activity Count: 1
Practice Type:	449 - Irrigation Water Management			Size/Units: 102 - Acres
TA Provider/JAA:	SWCD			Lifespan: 2 Years
Practice Description:	irrigation scheduling pmt for yr2 and yr3 of a three year contract			Install Date: 10/24/2025
				Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	377.4	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C22-7830-02 Fraki			Activity Count: 2
Practice Type:	449 - Irrigation Water Management			Size/Units: 232 - Acres
TA Provider/JAA:	SWCD			Lifespan: 1 Year
Practice Description:	Yr 1 of 3 year contract, checking into indicator calculation			Install Date: 02/19/2025
				Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nutrients (Nitrate)	Lbs/Yr	858.4	Other	ground water

Activity Action Name:	20250814-3.1 Hughes	Activity Count: 1
Practice Type:	351 - Well Decommissioning	Size/Units: 1 - Count
TA Provider/JAA:	Private Consultant	Lifespan: In Perpetuity
Practice Description:	sealing of abandoned well in the redeye watershed	Install Date: 08/30/2025
		Mapped: Yes

Activity Action Name:	8-C21-3238-01 Tuinstra	Activity Count: 0
Practice Type:	449 - Irrigation Water Management	Size/Units:
TA Provider/JAA:		Lifespan:
Practice Description:	Activity details entered in grant C21-3238, Wing River planning region, high priority for nitrogen mgmt. checking into indicator calculation	Install Date:
		Mapped: No

Activity Name: FY23/24 Redeye 1W1P Land Management Practices

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

Description: Financial Assistance will be provided to landowners for land management practices to make progress towards Goals 1: Land Management and Goal 4: Bacteria Reduction. Actions to address Goal 1 are measured in acres, and by the number of projects for Goal 4. A total of 500 acres of new nonstructural BMPs will be installed and will result in 65 pounds/yr of phosphorus, 285 tons/yr of sediment, and 520 pounds/yr of nitrogen from entering priority waterbodies in the watershed. This is equal to 2.4% of the 10 year Land Management Goal. Pollution reduction estimates were derived by using median edge of field benefits from PTMapp. Targeting efforts on cultivated and pasturelands will be directed to 1st priority areas for management as identified in the plan. See Figure 5.5 on page 67. Targeting for Bacteria Reduction projects will be focused in The Middle Leaf, Redeye and Wing planning regions (see page 78).

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	Redeye Watershed Based Implementation Funding FY23/23	\$99,677.77	\$99,677.77	\$0.00	12/17/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 8:55:40 AM
No funds spent in 2023.	1/25/2024 10:02:54 AM
2024: Todd SWCD approved payment for Cover Crops on 81 acres in the Wing River planning region and EOT SWCD approved payment for Cover Crops on 320 acres in the Wing River planning region. The Wing River planning region is a high priority area for Land Management in the Redeye watershed.	1/21/2025 12:43:55 PM
2025: EOT SWCD and Wadena SWCD approved payment on a total of 2,172.4 acres of new nonstructural BMPs with a result of 267.3 pounds/yr of phosphorus, 110.8 tons/yr of sediment, and 5,456.4 pounds/yr of nitrogen from entering priority waterbodies in the Redeye Watershed. Pollution reduction estimates were derived by using median edge benefits from PTMapp. A total of 1190.3 acres of cover crops in the Wing River planning region and a total of 73 acres of cover crops in Upper Leaf River planning region which are both high priority areas for Land Management Goal. A total of 829.1 acres of cover crops in the Middle Leaf River planning region and a total of 80 acres of strip till in the Redeye River planning region which are both medium priority areas for Land Management Goal. Bacteria Reduction projects are reported under the Livestock Waste Management Activity Category.	1/5/2026 12:46:08 PM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	122.9	Tons/Yr
Nitrogen	6041	Lbs/Yr
Phosphorus (Est. Reduction)	295.9	Lbs/Yr

Activity Action Name:	6-C25-0118-04 Etter	Activity Count: 1
Practice Type:	329 - Residue & Tillage Management (no/strip-till)	Size/Units: 80 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Yr 1 of 3 year strip till contract, Redeye watershed	Install Date: 05/20/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3.5	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	10.6	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	201.8	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C22-7830-20 Peppersack	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 94 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in the Wing river planning region	Install Date: 10/15/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	3.8	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	221.2	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	10.8	PTMApp - Priority Resource	surface water

Activity Action Name:	8-C22-7830-10 Flanagan	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 5 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in the middle leaf planning area	Install Date: 10/01/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	0.3	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	0.7	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	13.4	PTMApp - Priority Resource	ground water

Activity Action Name:	8-C22-7830-03 Schmitz	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 11.4 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Multi-species cover crop, 1 yr contract	Install Date: 08/04/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	30.4	PTMApp - Priority Resource	ground water
Sediment (Tss)	Tons/Yr	0.7	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	1.5	PTMApp - Priority Resource	surface water

Activity Action Name:	8-C22-7830-09 Schmitz	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 14 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Multi-species cover crop, 1 yr contract	Install Date: 08/01/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.8	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	0.8	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	37.4	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C25-0118-02 Czaia	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 32 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	1 yr contract for single species cover crop	Install Date: 10/16/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.2	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	3.8	PTMApp - Priority Resource	ground water
Nitrogen	Lbs/Yr	77.2	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C25-0116-01 Palubicki	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 62 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Activity detail for acres within the redeye watershed. 1 yr contract for single species cover crop.	Install Date: 10/21/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	8.1	PTMApp - Priority Resource	ground water
Sediment (Tss)	Tons/Yr	3.6	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	165.6	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C25-0116-02 Palubicki	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 128 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Activity details for acres within the redeye watershed. 1 yr contract for single species cover crop.	Install Date: 10/19/2024
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.3	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	16.7	PTMApp - Priority Resource	ground water
Nitrogen	Lbs/Yr	341.8	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C22-7830-13 Roy Olson Partnership	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 68.9 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	multi-species cover crop, 1 yr contract	Install Date: 07/20/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	162.1	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	7.9	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	2.8	PTMApp - Priority Resource	surface water

Activity Action Name:	6-C22-7830-15 Flanagan	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 9 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	multi-species cover crop in the Middle Leaf watershed	Install Date: 10/01/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	1.2	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	0.5	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	24	PTMApp - Priority Resource	ground water

Activity Action Name:	6-C22-7830-19 Yungbauer	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 73 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in the Upper Leaf river planning region.	Install Date: 10/04/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	11.6	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	240.3	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	11.6	PTMApp - Priority Resource	surface water

Activity Action Name:	6-C22-7830-18 Wehking Farms	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 274.64 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in the Wing river watershed	Install Date: 10/15/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	646.2	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	31.6	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	11.1	PTMApp - Priority Resource	surface water

Activity Action Name:	6-C22-7830-16 Roller	Activity Count:	2
Practice Type:	340 - Cover Crop	Size/Units:	316 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:	single species cover crop in middle leaf planning region	Install Date:	11/07/2025
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	18.1	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	843.8	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	41.1	PTMApp - Priority Resource	surface water

Activity Action Name:	6-C22-7830-17 Suchy	Activity Count:	1
Practice Type:	340 - Cover Crop	Size/Units:	184.76 - Acres
TA Provider/JAA:	SWCD	Lifespan:	1 Year
Practice Description:	single species cover crop	Install Date:	10/01/2025
		Mapped:	Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	7.5	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	434.7	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	21.3	PTMApp - Priority Resource	surface water

Activity Action Name:	C21-3238-32 Inwards	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 248 - Acres
TA Provider/JAA:	SWCD	Lifespan: 2 Years
Practice Description:	single species cover crop in the Wing river watershed	Install Date: 10/15/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	28.6	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	10.1	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	583.5	PTMApp - Priority Resource	ground water

Activity Action Name:	8-C22-7830-02 Witthuhn	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 56.5 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in the Redeye watershed, Middle Leaf planning region	Install Date: 09/04/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	150.9	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	7.4	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	3.2	PTMApp - Priority Resource	surface water

Activity Action Name:	8-C22-7830-08 Strayer Dairy	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 67.1 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	single species cover crop in Middle Leaf planning region	Install Date: 10/31/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	179.2	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	8.7	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	3.8	PTMApp - Priority Resource	surface water

Activity Action Name:	P25-0561-04 Roth Riverside Farm	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 320 - Acres
TA Provider/JAA:	SWCD	Lifespan: 3 Years
Practice Description:	multi-species cover crop in Middle Leaf planning region, yr 1	Install Date: 10/03/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	41.7	PTMApp - Priority Resource	surface water
Sediment (Tss)	Tons/Yr	18.3	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	854.5	PTMApp - Priority Resource	ground water

Activity Action Name:	8-C25-0118-01 Hovius	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 320 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	2nd year of 3 year contract, multi-species cover crop	Install Date: 10/15/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	13	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	752.9	PTMApp - Priority Resource	ground water
Phosphorus (Est. Reduction)	Lbs/Yr	36.9	PTMApp - Priority Resource	surface water

Activity Action Name:	8-C22-7830-07 Perius	Activity Count: 1
Practice Type:	340 - Cover Crop	Size/Units: 30 - Acres
TA Provider/JAA:	SWCD	Lifespan: 1 Year
Practice Description:	Single species cover crop, 1yr contract, middle leaf planning region	Install Date: 08/27/2025
		Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Sediment (Tss)	Tons/Yr	1.7	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	3.9	PTMApp - Priority Resource	surface water
Nitrogen	Lbs/Yr	80.1	PTMApp - Priority Resource	ground water

Activity Action Name:	P23-5804-03 Carlson	Activity Count: 0
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:		Lifespan:
Practice Description:	Activity details entered in grant P23-5804. Located in a high priority area for Land Mangement. 1 yr contract for multi-species cover crop, 320 acres, installed 10/8/2024 Sediment: 13 ptmapp Phosphorus: 36.9 ptmapp Nitrogen: 752.9 ptmapp	Install Date:
		Mapped: No

Activity Action Name:	2024.10.10-3.4 Colby	Activity Count: 0
Practice Type:	340 - Cover Crop	Size/Units:
TA Provider/JAA:		Lifespan:
Practice Description:	Yr 1 of 3 year contract for single species cover crop. Activity details entered in grant C25-0118. Located in a high priority area for Land Mangement.	Install Date:
		Mapped: No

Activity Name: FY23/24 Redeye 1W1P Project Development

Activity Category: Project Development **Staff time?:** Yes

Description: WBIF will be used to support 1,240 hours (.6 FTE) of staff time associated with project development and includes making initial contacts with landowners, prework to develop contracts, ranking and scoring applications, and developing operation and maintenance plans. Project development activities will be targeted in high priority areas as defined in the local comprehensive water management plan and as described in each activity as part of this workplan.

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	Redeye Watershed Based Implementation Funding FY23/23	\$69,808.61	\$69,808.61	\$0.00	12/31/2025	N
Actual Results						
<u>Results</u>						<u>Date Added</u>
No funds spent in 2022.						8/8/2022 10:30:52 AM
2023: Funds spent in Becker SWCD on staff time for project development.						1/25/2024 10:03:25 AM
2024: Provided for staff time for partnering SWCDs to market program and work with interested landowners to discuss and develop potential projects. EOT and Wadena SWCD created an Education/Outreach committee internally to target priority areas in the Redeye watershed. EOT and Wadena SWCD staff reported 3,761 individual contacts including direct calls, site visits, and mailings in the Redeye watershed in 2024. EOT SWCD staff mailed a shoreline restoration postcard to 89 landowners on Middle Leaf Lake and conducted 5 site visits. EOT and Wadena SWCD hosted two cafe talk sessions to 17 local landowners to discuss conversation projects in the Redeye Watershed. Todd SWCD staff provided project development for Colby cover crop project review for cost-share within the Wing River planning Region. Becker SWCD completed outreach efforts on forestry stewardship plans in the Redeye/ LCCMR program within the Redeye River planning region.						1/16/2025 1:09:49 PM
2025: LGUs reported a total of 1,118.25 staff time hours in this grant cycle to support project development which includes making initial contacts with landowners, prework to develop contracts, ranking and scoring applications, and developing operation and maintenance plans. EOT and Wadena SWCD created an Education/Outreach committee internally to target high priority areas in the Redeye watershed. EOT and Wadena SWCD staff reported 2,044 individual contacts, 407 sites visited/inventoried, 5,022 targeted mailings, and 568 partner contacts in the Redeye watershed. Todd SWCD provided staff time on Kneisl project final photos, annual report and newsletter, Lovelace pit closure site visit and contractor meeting/prep, cost-share for one well sealed. Staff spent time scheduling onsite meetings with landowners on potential projects in the Redeye watershed. Becker SWCD staff provided project staff time for 1 site visit, 5 phone calls, surveying waste facility pits for closer, Huwe and Rader pit closures bids, City of Wolf Lake inquiry, and potential WFC projects. Staff compared historic imagery to current GIS mapping, marking homesteads that no longer exist, to show potential abandoned wells and ag waste facilities that are no longer in use to show potential ag waste pit closure projects. Staff scheduled onsite meetings with landowners on potential projects in the Redeye watershed.						1/12/2026 3:30:41 PM

Activity Name: FY23/24 Redeye 1W1P Structural Ag BMPs

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: WBIF will provide cost share to restore 425 ft of streambank along the Leaf River. This project will make progress towards Goal 9: Riparian Habitat Enhancement. The Leaf River is identified as a priority area in our Redeye Local Comprehensive Water Management Plan. Pollution reduction estimates were generated with BWSR Calculator for Stream & Ditch Stabilization. A total of 6lbs/year of phosphorus and 7 tons/year of sediment will be reduced after the project is completed. The 425 ft of streambank stabilization is 1.14 percent of the short-term (10 year) goal for the Leaf River Planning Region.

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	Redeye Watershed Based Implementation Funding FY23/23	\$10,034.70	\$10,034.70	\$0.00	08/20/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 8:38:32 AM
No funds spent in 2023.	1/25/2024 10:04:03 AM
No funds spent on Streambank or Shoreline Protection in 2024.	1/21/2025 9:28:12 AM
2025: WBIF didn't provide cost-share to restore the anticipated 425ft of streambank along the Leaf River due to landowner, MN DNR, and contractor difficulties. WBIF provided cost share on one Streambank and Shoreline Protection project and one Critical Area Planting on West Leaf Lake which is a priority lake identified in the Redeye 1W1P. A total of 5,21 tons/year of sediment and 4.63lbs/year of phosphorus was reduced after project was installed.	1/5/2026 1:37:59 PM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Soil (Est. Savings)	4.55	Tons/Yr
Sediment (Tss)	5.21	Tons/Yr
Phosphorus (Est. Reduction)	4.63	Lbs/Yr

Activity Action Name: 6-C25-0118-01 Telehey	Activity Count: 1
Practice Type: 580 - Streambank and Shoreline Protection	Size/Units: 85 - Linear Feet
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: Rip rap installed to control shoreline erosion	Install Date: 11/20/2024
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Soil (Est. Savings)	Tons/Yr	4.4	Bwsr Calc (Stream & Ditch Stabilization)	West Leaf Lake
Sediment (Tss)	Tons/Yr	4.4	Bwsr Calc (Stream & Ditch Stabilization)	West Leaf Lake
Phosphorus (Est. Reduction)	Lbs/Yr	3.74	Bwsr Calc (Stream & Ditch Stabilization)	West Leaf Lake

Activity Action Name: 6-C25-0118-03 Telehey	Activity Count: 1
Practice Type: 342 - Critical Area Planting	Size/Units: 0.04 - Acres
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: Critical area planting/native vegetation buffer on West Leaf lake, designated a priority lake in the Redeye watershed.	Install Date: 08/05/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	0.89	Bwsr Calc (Sheet And Rill)	West Leaf lake
Sediment (Tss)	Tons/Yr	0.81	Bwsr Calc (Sheet And Rill)	West Leaf lake
Soil (Est. Savings)	Tons/Yr	0.15	Bwsr Calc (Sheet And Rill)	West Leaf lake

Activity Name: FY23/24 Redeye 1W1P Technical Assistance/Engineering

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Technical and engineering assistance will be used by all partners. WBIF will cover approximately 0.6 FTE, at an average billing rate of \$50/hour, for technical assistance and approximately 0.1 FTE, at an average billing rate of \$75/hour, for engineering staff time. It is estimated that 16% of staff time will be spent in the Redeye, 33% in the Upper Leaf, 19% in the Middle Leaf, and 31% in the Wing River planning regions.

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	Redeye Watershed Based Implementation Funding FY23/23	\$173,119.20	\$173,119.20	\$0.00	12/31/2025	N

Actual Results

<u>Results</u>	<u>Date Added</u>
No funds spent in 2022.	8/8/2022 10:48:01 AM
2023: Funds spent in Todd SWCD for staff time on technical assistance and engineering.	1/25/2024 10:04:51 AM
2024: Provided LGU staff time for technical assistance for funded projects. GIS Specialist created an Arc GIS online map for Technical Staff to identify potential projects in priority areas to meet our goals in the Redeye watershed. EOT and Wadena SWCD staff reported 3,761 individual contacts associated with site assessments, surveys, preliminary analysis and design, inspections, and reviewing completed projects in the Redeye watershed in 2024. Todd SWCD staff provided technical assistance on three projects including; Colby cover crop project (direct calls, design, payout calculations, and site visits) and Kneisl project direct calls with engineer, landowner discussion, and final invoice review. Becker SWCD provided technical assistance on forest stewardship plans in the watershed. Staff time for Technical Assistance will be broken down by	1/16/2025 1:11:08 PM

Results

Date Added

percentage in each planning region in the watershed but don't have this information at this time.

2025: LGUs reported a total of 2,723.5 staff time hours in this grant cycle to support technical and engineering assistance. EOT and Wadena SWCD staff completed 39 plans/project designs including 1 Ag Waste Pit Closure design and a Heavey Use Protection plan, 8 forest inventories conducted, 10 projects certified, and 40 surveys conducted in the Redeye watershed. Staff conducted multiple site visits, provided landowner assistance, and used LiDAR to determine potential projects in the watershed. Todd SWCD provided funds for one engineer design plan for Kneisl project. Staff coordinated pre-construction meeting for Lovelace pit closure. Staff prepared notes on Arvidson pit closure, conducted site visits, and provided landowner assistance. Staff presented projects for payment and board presentation on projects in the Redeye watershed. Becker SWCD provided funds for 2 ag waste pit closure designs, Huwe Ag Waste Pit pre-construction meeting, ranking manure pits for cost-share based on priority areas. Staff used LiDAR to determine if any abandoned pits were currently sitting unused. Staff updated cost estimates for designed projects to reflect prevailing wage for the overall project cost. Staff compared field data to permit information to provide accurate design quantities for contractors to bid accordingly. It's estimated that 16% of staff time was spent in the Redeye, 33% in the Upper Leaf, 19% in the Middle Leaf, and 31% in the Wing River planning regions.

1/12/2026 3:32:53 PM

Activity Name: FY23/24 Redeye Match

Activity Category: Agricultural Practices

Staff time?: No

Description: 10% Non state match requirement for grant will come from landowners and other nonstate sources of cost share associated with the installation of high priority agricultural 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>
Landowner Fund		\$70,648.80	\$93,814.54	(\$23,165.74)	12/31/2025	Y

Actual Results

Results

Date Added

No funds spent in 2022.

8/9/2022 7:31:28 AM

No funds spent in 2023.

1/25/2024 10:05:52 AM

<u>Results</u>	<u>Date Added</u>
2024 landowner match is reported in expenses.	1/21/2025 12:40:32 PM
The following is the landowner match for projects in 2024 and 2025:	2/11/2026 8:37:23 AM
\$97.50 6-C22-7830-01,	
\$51,656.2 2024.04.11-3.4,	
\$5,365.00 2023.10.12-3.15,	
\$217.50 6-C22-7830-03,	
\$8,783.00 6-C25-0118-01,	
\$2,462.50 8-C22-7830-01,	
\$175.00 6-C22-7830-08,	
\$230.00 6-C22-7830-07,	
\$844.90 6-C25-0118-03,	
\$243.75 20250814-3.1,	
\$164.50 8-C22-7830-05,	
\$337.75 8-C22-7830-06,	
\$5,861.95 2024.03.14-3.9,	
\$4,340.35 8-C22-7830-04,	
\$1,340.00 1W1P-15-RE,	
\$9,140.09 20250410-3.4,	
\$2,554.50 1W1P-14-RE	

Activity Name: P22-3257-05 Reinke

Activity Category: Livestock Waste Management **Staff time?:** No

Description: WBIF funds will be used to cost share one livestock waste management project.

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	Redeye Watershed Based Implementation Funding FY23/23	\$1,649.22	\$1,649.22	\$0.00	11/19/2025	N
Current State Grant	Bluff and Oak Creeks NKE P1	\$3,298.44	\$3,298.44	\$0.00	11/19/2025	N

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Sediment (Tss)	9.5	Tons/Yr
Nitrogen	177.6	Lbs/Yr
Phosphorus (Est. Reduction)	13.7	Lbs/Yr

Activity Action Name: P22-3257-05 Reinke	Activity Count: 1
Practice Type: 561 - Heavy Use Area Protection	Size/Units: 283 - Acres
TA Provider/JAA: SWCD	Lifespan: 10 Years
Practice Description: heavy use protection area and watering facility in the Bluff/Oak Creek watershed	Install Date: 11/18/2025
	Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Phosphorus (Est. Reduction)	Lbs/Yr	13.7	PTMApp - Priority Resource	ground water
Nitrogen	Lbs/Yr	177.6	PTMApp - Priority Resource	ground water
Sediment (Tss)	Tons/Yr	9.5	PTMApp - Priority Resource	ground water

Activity Name: P25-0145-03 Steinbach

Activity Category: Agricultural Practices

Staff time?: No

Description: Provide cost share for a cover crop practice in accordance with our locally adopted water/watershed plans and the EOT SWCD cost-share policy.

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	Redeye Watershed Based Implementation Funding FY23/23	\$450.00	\$450.00	\$0.00	09/17/2025	N
Current State Grant	2025 - Conservation Contracts (Otter Tail, East SWCD)	\$3,225.00	\$3,225.00	\$0.00	09/17/2025	N

Actual Results

Results Date Added

Funds used to provide for one multi-species cover crop practice on 105 acres.

1/28/2026 11:51:00 AM

Final Indicators

<u>Indicator</u>	<u>Total Value</u>	<u>Unit</u>
Nitrogen	253.3	Lbs/Yr
Sediment (Tss)	4	Tons/Yr
Phosphorus (Est. Reduction)	12.5	Lbs/Yr

Activity Action Name: P25-0145-03 Steinbach

Practice Type: 340 - Cover Crop

TA Provider/JAA: SWCD

Practice Description: multi-species cover crop in the Redeye watershed

Activity Count: 1

Size/Units: 105 - Acres

Lifespan: 1 Year

Install Date: 09/01/2025

Mapped: Yes

Indicator Name	Units	Value	Calculation Tool	Waterbody
Nitrogen	Lbs/Yr	253.3	PTMApp - Priority Resource	ground water
Sediment (Tss)	Tons/Yr	4	PTMApp - Priority Resource	surface water
Phosphorus (Est. Reduction)	Lbs/Yr	12.5	PTMApp - Priority Resource	surface water