



Grant Progress Report

SWCD Local Capacity Services 2023

Grant Title: 2023 - SWCD Local Capacity Services (Sherburne SWCD)

Grant Award (\$): \$134,118.00

Grant Execution Date: 12/20/2022

Grant ID: P23-2512

Required Match (%): 0

Grant End Date: 12/31/2025

Grantee: Sherburne SWCD

Required Match (\$): \$0.00

Fiscal Agent:

Grant Day-to-Day Contact: Francine Larson

| | Total Budgeted | Total Spent | Balance Remaining* |
|--------------|---------------------|---------------------|--------------------|
| Grant Funds | \$134,118.00 | \$134,118.00 | \$0.00 |
| Match Funds | \$0.00 | \$0.00 | \$0.00 |
| Other Funds | \$0.00 | \$0.00 | \$0.00 |
| Total | \$134,118.00 | \$134,118.00 | \$0.00 |

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

| | |
|-------------------------------------|---|
| Proposed Measurable Outcomes | The grant targets four resource concern areas - Soil Erosion, Riparian Zone Management, Water Storage and Treatment, and Excess Nutrients - and supports increased capacity by funding expenses in the following categories: Staffing, Cost Share/Incentives, Technology/Capital Equipment, and Operations. |
|-------------------------------------|---|

Budget Details

| Activity Name | Category | Source Type | Source Description | Budgeted | Spent | Balance Remaining | Match Fund? |
|---------------------------------|------------------------|---------------------|--|------------|------------|-------------------|-------------|
| BMP Cost Share - Non Structural | Agricultural Practices | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$1,369.53 | \$1,369.68 | (\$0.15) | 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> |
|-----------------------------------|---------------------------------------|---------------------|--|-----------------|--------------|--------------------------|--------------------|
| Riparian - Education | Education/Information | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$30,000.00 | \$30,000.00 | \$0.00 | N |
| BMP Cost Share - Structural | Streambank or Shoreline Protection | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$0.00 | | \$0.00 | N |
| Riparian - Technology | Supplies/Equipment | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$6,118.00 | \$6,118.00 | \$0.00 | N |
| Soil Erosion - Staff | Technical/Engineering Assistance | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$25,000.00 | \$25,000.00 | \$0.00 | N |
| WST - Habitat Restoration - Staff | Technical/Engineering Assistance | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$33,000.00 | \$33,000.00 | \$0.00 | N |
| Excess Nutrients - Staff | Technical/Engineering Assistance | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$30,000.00 | \$30,000.00 | \$0.00 | N |
| BMP Cost Share - Urban Stormwater | Urban Stormwater Management Practices | Current State Grant | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$8,630.47 | \$8,630.32 | \$0.15 | N |

Indicator Summary

| Indicator Category | Proposed Indicator | Total Value | Unit |
|--------------------|--------------------|-------------|------|
|--------------------|--------------------|-------------|------|

| Indicator Category | Final Indicator | Total Value | Unit |
|---------------------------------------|---------------------------------|-------------|--------------|
| Water Pollution (Reduction Estimates) | Soil (Est. Savings) | 0.13 | Tons/Yr |
| Wind Erosion (Reduction Estimates) | Soil (Est. Savings) | 27.76 | Tons/Yr |
| Stormwater Management | Volume Reduced (Acre-Feet/Year) | 3140 | Acre-Feet/Yr |
| Water Pollution (Reduction Estimates) | Phosphorus (Est. Reduction) | 3.02 | Lbs/Yr |
| Water Pollution (Reduction Estimates) | Sediment (Tss) | 0.303 | Tons/Yr |

Grant Activities

Activity Name: BMP Cost Share - Non Structural

Activity Category: Agricultural Practices

Staff time?: No

Description: Funds will be used to cost share the installation of soil health and water quality conservation practices. Practices will reduce erosion, increase habitat and maintain and enhance water storage and infiltration.

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$1,369.53 | \$1,369.68 | (\$0.15) | 07/10/2025 | N |

Actual Results

| <u>Results</u> | <u>Date Added</u> |
|--|-----------------------|
| | 11/22/2022 9:18:39 AM |
| No funds spent in 2023 | 1/25/2024 3:12:58 PM |
| Funds were spent on two perennial cover project and one shoreline erosion control project in 2024. | 1/22/2025 11:42:59 AM |

Final Indicators

| <u>Indicator</u> | <u>Total Value</u> | <u>Unit</u> |
|---------------------|--------------------|-------------|
| Soil (Est. Savings) | 0.13 | Tons/Yr |
| Soil (Est. Savings) | 27.76 | Tons/Yr |

| | |
|---|--------------------------|
| Activity Action Name: #2024-05-03_Herbst | Activity Count: 1 |
| Practice Type: 327 - Conservation Cover | Size/Units: 0.04 - Acres |
| TA Provider/JAA: SWCD | Lifespan: 10 Years |
| Practice Description: Erosion control on steep slope near lake, using combination of native seed, erosion control blanket and live plugs. | Install Date: 06/26/2024 |
| | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------|---------|-------|------------------|------------|
| Soil (Est. Savings) | Tons/Yr | 0.13 | Literature Value | Lake Julia |

| | | |
|-----------------------|--|--------------------------|
| Activity Action Name: | #2023-09-03_Sevcik | Activity Count: 1 |
| Practice Type: | 327 - Conservation Cover | Size/Units: 0.03 - Acres |
| TA Provider/JAA: | SWCD | Lifespan: 10 Years |
| Practice Description: | Converting non-native cool season grasses with a diverse mix of native grasses, sedges, and forbs using a combination of seed and live plants. | Install Date: 08/28/2024 |
| | | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------|---------|-------|------------------|-------------|
| Soil (Est. Savings) | Tons/Yr | 0.1 | Literature Value | St. Francis |

| | | |
|-----------------------|---|--------------------------|
| Activity Action Name: | #2024-08-01 - Holcomb | Activity Count: 1 |
| Practice Type: | 327 - Conservation Cover | Size/Units: 0.22 - Acres |
| TA Provider/JAA: | SWCD | Lifespan: 10 Years |
| Practice Description: | Turf conversion project to a diverse mix of native forbs and grasses. | Install Date: 11/14/2024 |
| | | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------|---------|-------|------------------|-----------|
| Soil (Est. Savings) | Tons/Yr | 0.66 | Literature Value | Rum River |

| | | |
|-----------------------|-----------------------------------|--------------------------|
| Activity Action Name: | #2024-12-01 - Wallin | Activity Count: 1 |
| Practice Type: | 512 - Pasture and Hay Planting | Size/Units: 9 - Acres |
| TA Provider/JAA: | SWCD | Lifespan: 10 Years |
| Practice Description: | Interseeding pasture with alfalfa | Install Date: 06/15/2025 |
| | | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------|---------|-------|------------------|-----------|
| Soil (Est. Savings) | Tons/Yr | 27 | Literature Value | Rum River |

Activity Name: BMP Cost Share - Structural

Activity Category: Streambank or Shoreline Protection

Staff time?: No

Description: Financial Assistance towards projects and plans that address rural and urban water runoff and groundwater quality and quantity.

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$0.00 | | \$0.00 | | N |

Actual Results

| <u>Results</u> | <u>Date Added</u> |
|------------------------|-----------------------|
| | 11/22/2022 9:17:17 AM |
| No funds spent in 2023 | 1/25/2024 3:13:26 PM |

Activity Name: BMP Cost Share - Urban Stormwater

Activity Category: Urban Stormwater Management Practices

Staff time?: No

Description: Funds will be used towards urban stormwater 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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$8,630.47 | \$8,630.32 | \$0.15 | 11/09/2024 | N |

Actual Results

| <u>Results</u> | <u>Date Added</u> |
|--|-----------------------|
| Funds were spent on two stormwater control projects in 2024. One larger scale bio-retention basin in conjunction with a street | 1/22/2025 11:45:12 AM |

Results

Date Added

reconstruction project near West Hunter Lake. The other was a smaller scale raingarden and swale to capture roof runoff from a church building.

During the FY 2023 Capacity period, the Sherburne SWCD funded six projects through the cost share assistance program. Three focused on habitat restoration, converting 13,100 square feet of conventionally managed lawn into diverse native grasses and forbs. Two projects addressed stormwater mitigation, practices such as settling basins, swales and raingardens were constructed to help prevent 3 lbs/year of phosphorus and .144 tons/year of sediment from entering the nearby Hunter Lakes and the Mississippi River. The final project improved pastureland management by incorporating perennial cover on 9 acres, preventing an estimated 27 tons of soil loss annually.

9/11/2025 2:35:09 PM

Final Indicators

| <u>Indicator</u> | <u>Total Value</u> | <u>Unit</u> |
|---------------------------------|--------------------|--------------|
| Sediment (Tss) | 0.303 | Tons/Yr |
| Phosphorus (Est. Reduction) | 3.02 | Lbs/Yr |
| Volume Reduced (Acre-Feet/Year) | 3140 | Acre-Feet/Yr |

| | |
|--|--------------------------------|
| Activity Action Name: #2024-05-04_Union Church | Activity Count: 2 |
| Practice Type: 712M - Bioretention Basin | Size/Units: 2010 - Square Feet |
| TA Provider/JAA: TSA | Lifespan: 10 Years |
| Practice Description: Removal of impervious surface and redirecting roof runoff into a series of infiltration practices. | Install Date: 08/10/2024 |
| | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------------------|--------------|-------|------------------|-------------------|
| Volume Reduced (Acre-Feet/Year) | Acre-Feet/Yr | 85 | MIDS | Mississippi River |
| Phosphorus (Est. Reduction) | Lbs/Yr | 0.13 | MIDS | Mississippi River |
| Sediment (Tss) | Tons/Yr | 0.04 | MIDS | Mississippi River |

| | |
|--|--------------------------------|
| Activity Action Name: #2024-03-01 - Livonia | Activity Count: 1 |
| Practice Type: 712M - Bioretention Basin | Size/Units: 7000 - Square Feet |
| TA Provider/JAA: Private Consultant | Lifespan: 10 Years |
| Practice Description: Bio-retention basin to divert and infiltrate stormwater runoff before entering West Hunter Lake. | Install Date: 10/24/2024 |
| | Mapped: Yes |

| Indicator Name | Units | Value | Calculation Tool | Waterbody |
|---------------------------------|--------------|-------|------------------|------------------|
| Phosphorus (Est. Reduction) | Lbs/Yr | 2.89 | MIDS | West Hunter Lake |
| Volume Reduced (Acre-Feet/Year) | Acre-Feet/Yr | 3055 | MIDS | West Hunter Lake |
| Sediment (Tss) | Tons/Yr | 0.263 | MIDS | West Hunter Lake |

Activity Name: Excess Nutrients - Staff

Activity Category: Technical/Engineering Assistance **Staff time?:** Yes

Description: Funds will be used towards technical assistance for projects and plans that address rural and urban water runoff, groundwater quality and quantity, vegetative management, water storage and infiltration.

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$30,000.00 | \$30,000.00 | \$0.00 | 12/21/2024 | N |

Actual Results

| <u>Results</u> | <u>Date Added</u> |
|----------------|-----------------------|
| | 11/22/2022 9:12:12 AM |

Results

Date Added

Funds were used towards technical assistance for projects and designs that address rural and urban water runoff, groundwater quality and quantity, vegetative management, water storage and infiltration.

1/25/2024 3:13:47 PM

Activity Name: Riparian - Education

Activity Category: Education/Information

Staff time?: Yes

Description: Funds will be used towards staff time and direct expenses for the District’s education and outreach programs. Additionally funds will be used towards the creation of educational materials and signage.

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$30,000.00 | \$30,000.00 | \$0.00 | 08/05/2023 | N |

Actual Results

Results

Date Added

11/22/2022 9:15:41 AM

Funds were used towards staff time and direct expenses for the District’s education and outreach programs. Additionally funds were used towards the creation of educational materials and signage.

1/25/2024 3:14:22 PM

Activity Name: Riparian - Technology

Activity Category: Supplies/Equipment

Staff time?: No

Description: Fund will be used towards design/engineering software utilized by technical staff for BMP 's. Additionally funds will be used towards software that increases our administrative, financial and marketing capacity.

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$6,118.00 | \$6,118.00 | \$0.00 | 02/21/2024 | N |
| Actual Results | | | | | | |
| <u>Results</u> | | | | | | <u>Date Added</u> |
| | | | | | | 11/22/2022 9:21:46 AM |
| Fund were used towards design/engineering software utilized by technical staff for BMP 's. Additionally funds will be used towards software that increases our administrative, financial and marketing capacity. | | | | | | 1/25/2024 3:15:16 PM |

| Activity Name: Soil Erosion - Staff | | | | | | |
|--|--|-----------------|--------------|--------------------------|------------------------------|-----------------------|
| Activity Category: Technical/Engineering Assistance | | | | | Staff time?: Yes | |
| Description: Funds will be used towards technical assistance for the establishment of native habitat that is less likely to erode from wind or water. This would include urban and rural landscapes and target native prairies. | | | | | | |
| 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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$25,000.00 | \$25,000.00 | \$0.00 | 12/21/2024 | N |
| Actual Results | | | | | | |
| <u>Results</u> | | | | | | <u>Date Added</u> |
| | | | | | | 11/22/2022 9:14:01 AM |
| Funds were used towards technical assistance for the establishment of native habitat. This would include urban and rural landscapes and targeted native prairies. | | | | | | 1/25/2024 3:15:48 PM |

Activity Name: WST - Habitat Restoration - Staff

Activity Category: Technical/Engineering Assistance

Staff time?: Yes

Description: Funds will be used to assist private and public landowners in maintaining a healthy ecosystem with a focus on forest management, vegetative disease and invasive species control/mitigation, climate change resilience and vegetative quality

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 | 2023 - SWCD Local Capacity Services (Sherburne SWCD) | \$33,000.00 | \$33,000.00 | \$0.00 | 04/27/2024 | N |

Actual Results

| <u>Results</u> | <u>Date Added</u> |
|---|-----------------------|
| | 11/22/2022 9:13:13 AM |
| Funds were used to assist private and public landowners in maintaining a healthy ecosystem with a focus on forest management, vegetative disease and invasive species control/mitigation, climate change resilience and vegetative quality. | 1/25/2024 3:16:29 PM |