



## Grant All-Detail Report Accelerated Implementation Grant 2015

**Grant Title** - 2015 - Lower Sunrise River Active Gully Inventory

**Grant ID** - C15-5231

**Organization** - Chisago SWCD

|                         |                    |                          |                 |
|-------------------------|--------------------|--------------------------|-----------------|
| Original Awarded Amount | <b>\$30,000.00</b> | Grant Execution Date     | <b>4/7/2015</b> |
| Required Match Amount   | \$7,500.00         | Original Grant End Date  | 12/31/2018      |
| Required Match %        | 25%                | Grant Day To Day Contact | Craig Mell      |
| Current Awarded Amount  | \$30,000.00        | Current End Date         | 12/31/2018      |

### Budget Summary

|                    | Budgeted           | Spent              | Balance Remaining* |
|--------------------|--------------------|--------------------|--------------------|
| Total Grant Amount | \$30,000.00        | \$30,000.00        | \$0.00             |
| Total Match Amount | \$7,500.00         | \$7,514.00         | \$-14.00           |
| Total Other Funds  | \$0.00             | \$0.00             | \$0.00             |
| <b>Total</b>       | <b>\$37,500.00</b> | <b>\$37,514.00</b> | <b>\$-14.00</b>    |

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

### Budget Details

| Activity Name           | Activity Category            | Source Type         | Source Description                         | Budgeted    | Spent       | Last Transaction Date | Matching Fund |
|-------------------------|------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| Administration          | Administration /Coordination | Current State Grant | Lower Sunrise River Active Gully Inventory | \$2,000.00  | \$2,000.00  | 4/6/2017              | N             |
| Planning and Assessment | Planning and Assessment      | Current State Grant | Lower Sunrise River Active Gully Inventory | \$28,000.00 | \$28,000.00 | 3/2/2017              | N             |
| Planning and Assessment | Planning and Assessment      | Local Fund          | SWCD                                       | \$7,500.00  | \$7,514.00  | 4/17/2017             | Y             |

## Activity Details Summary

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

## Proposed Activity Indicators

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

## Final Indicators Summary

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

## Grant Activity

| Grant Activity - Administration |   |          |           |
|---------------------------------|---|----------|-----------|
| Description                     | Elink reporting, grant execution, and similar administrative duties.  |          |           |
| Category                        | ADMINISTRATION/COORDINATION   |          |           |
| Start Date                      | 13-Apr-15   | End Date | 17-Apr-17 |
| Has Rates and Hours?            | Yes   |          |           |
| Actual Results                  | <p>As of October 4, 2016<br/>Postcards were mailed to the landowners of potentially active gullies. Fewer than 20 landowners responded with refusal to allow us to visit their property to check if the gully was active. ELINK reporting is up to date.</p> <p>As of January 9, 2017<br/>Elink reporting is up to date.</p> <p>As of April 17, 2017<br/>Final eLINK reporting is complete. The final report has been attached.</p> |          |           |

## Grant Activity - Planning and Assessment

|                             |   |                 |           |
|-----------------------------|---|-----------------|-----------|
| <b>Description</b>          | <p>The SWCD will use the St. Croix River Escarpment Gully Inventory project as a model to complete a similar inventory of actively eroding gullies along the Lower Sunrise River from the Kost Dam south to the confluence with the St. Croix River, which includes the North Branch of the Sunrise, Hay Creek, and the Sunrise River main branch. Activities will include aerial photo review via GIS, field verification, potential pollutant modeling, project ranking, and the production of a final report.</p> <p>Staff members:<br/>Casey Thiel, Water Resource Specialist<br/>Mary Jo Youngbauer, Water Resource Technician<br/>Shane Hultman, Resource Conservationist</p> <p>The SWCD staff has completed a similar gully inventory along the St. Croix River escarpment. TAA documentation is available for Casey Thiel and Mary Jo Youngbauer in eLINK. Shane Hultman is a new employee.</p>  |                 |           |
| <b>Category</b>             | PLANNING AND ASSESSMENT   |                 |           |
| <b>Start Date</b>           | 3-Aug-15  | <b>End Date</b> | 17-Apr-17 |
| <b>Has Rates and Hours?</b> | Yes   |                 |           |
| <b>Actual Results</b>       | <p>As of October 4, 2016</p> <p>Initial desktop assessment of aerial photography and contour data along the North Branch of the Sunrise River and a portion of the main branch of the Sunrise River identified 501 potentially active gullies. Field verification was conducted throughout the summer. As of today, about 80% of the gullies have been field checked (excluding those where landowners refused access to their land). The overall finding at this point is that most of the gullies are no longer active. Farmers have taken initiative in stabilizing the erosion with a variety of methods, including ridges to prevent runoff, filling the head cut with garbage or woody material, leaving a buffer, and using conservation tillage methods. Fewer than 10 gullies have been identified where a conservation practice may be worthwhile, but there have not been any severely eroding gullies identified.</p> <p>As of January 9, 2017</p> <p>Field work has concluded. Work has not yet started on the final report.</p> <p>As of April 17, 2017</p> <p>The final report is complete. A total of 36 gullies or shoreline erosion sites were profiled in the report. These gullies were deemed to be actively eroding during the field verification of 397 gullies of the 501 that had been identified by aerial photography review. Of the 36 eroding sites, 7 were severe, 21 were medium, and 8 were low priority.</p> |                 |           |

## Grant Attachments

| Document Name                                     | Document Type   | Description                                       |
|---|-----------------|---|
| <b>2015 Competitive Grant</b>                     | Grant Agreement | 2015 Competitive Grant - Chisago SWCD             |
| <b>2015 Competitive Grant executed</b>            | Grant Agreement | 2015 Competitive Grant - Chisago SWCD             |
| <b>Final Financial Report</b>                     | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |
| <b>Final Report Compressed</b>                    | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |
| <b>Financial Report 50% Spent</b>                 | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |
| <b>Lower Sunrise River Active Gully Inventory</b> | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |
| <b>Program Log</b>                                | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |
| <b>grantmap_12548_2014-09-15_02-10-52-PM.jpg</b>  | Grant           | 2015 - Lower Sunrise River Active Gully Inventory |