



Grant All-Detail Report 2013 - Clean Water Assistance Grant

Grant Title - 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED)

Grant ID - C13-2046

Organization - Sauk River WD

| | | | |
|------------------------------|---------------------|---------------------------------|-------------|
| Grant Awarded Amount | \$538,575.00 | Grant Execution Date | |
| Required Match Amount | \$134,643.75 | Grant End Date | 1/1/2020 |
| Required Match % | 25% | Grant Day To Day Contact | Lynn Nelson |

Budget Summary

| | Budgeted | Spent | Balance Remaining* |
|--------------------|---------------------|---------------------|----------------------|
| Total Grant Amount | \$538,575.00 | \$537,368.75 | \$1,206.25 |
| Total Match Amount | \$149,000.00 | \$264,736.66 | \$-115,736.66 |
| Total Other Funds | \$0.00 | \$0.00 | \$0.00 |
| Total | \$687,575.00 | \$802,105.41 | \$-114,530.41 |

*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 |
|--|---------------------------------------|---------------------|---|--------------|--------------|-----------------------|---------------|
| BMP Implementation- MUNICIPAL STORMWATER MGT & RETROFIT IN SRWD - CLEAN WATER ASSISTANCE | Urban Stormwater Management Practices | Current State Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) | \$492,600.00 | \$492,525.37 | 8/11/2017 | N |
| BMP Implementation- MUNICIPAL STORMWATER MGT & RETROFIT IN SRWD - CLEAN WATER ASSISTANCE | Urban Stormwater Management Practices | Landowner Fund | INKIND MATCH- Landowners - in SRWD | \$145,000.00 | \$247,549.55 | 7/25/2017 | Y |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--|----------------------------------|---------------------|---|-------------|-------------|-----------------------|---------------|
| MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE - ADMINISTRATIVE -REPORTING - | Administration /Coordination | Current State Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) | \$4,600.00 | \$4,574.55 | 12/31/2017 | N |
| MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE - ADMINISTRATIVE -REPORTING - | Administration /Coordination | Local Fund | In kind match from local organization - in SRWD | \$500.00 | \$1,446.07 | 12/31/2015 | Y |
| MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE -PROJECT DEVELOPMENT- | Project Development | Current State Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) | \$14,625.00 | \$14,720.52 | 2/16/2017 | N |
| MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE -PROJECT DEVELOPMENT- | Project Development | Landowner Fund | Matching funds from landowner | \$2,500.00 | | | Y |
| MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE -PROJECT DEVELOPMENT- | Project Development | Local Fund | ORGANIZATION MATCHING FUNDS - WITHIN THE SRWD | \$500.00 | \$13,975.33 | 12/31/2015 | Y |
| MUNICIPAL STORMWATER- CLEAN WATER ASSISTANCE -TECHNICAL ASSISTANCE AND ENGINEERING - | Technical/Engineering Assistance | Current State Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) | \$26,750.00 | \$25,548.31 | 12/31/2017 | N |
| MUNICIPAL STORMWATER- CLEAN WATER ASSISTANCE -TECHNICAL ASSISTANCE AND ENGINEERING - | Technical/Engineering Assistance | Landowner Fund | INKIND MATCH- Landowners - in SRWD | \$500.00 | \$1,765.71 | 12/31/2015 | Y |

Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|-------------------------------------|--------------------|-----------------------|----------------------|--------------------|
| 393 - Filter Strip | 1 | 1 | 230 LINEAR FEET | 230 LINEAR FEET |
| 803M - Infiltration Trench | 8 | 1 | 0.52 AC | 0.52 AC |
| 712M - Bioretention Basin | 1 | 1 | 1 COUNT | 1 COUNT |
| 155M - Storm Water Retention Basins | 2 | 1 | 0.17 AC | 0.17 AC |
| 350 - Sediment Basin | 1 | 1 | 2 COUNT | 2 COUNT |
| 712M - Bioretention Basin | 6 | 1 | 6 COUNT | 6 COUNT |
| 712M - Bioretention Basin | 1 | 1 | 0.4 AC | 0.4 AC |

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|----------------------------|--------------------|-----------------------|----------------------|--------------------|
| 327 - Conservation Cover | 1 | 1 | 66 LINEAR FEET | 66 LINEAR FEET |
| 100M - Presentations | 3 | 0 | 1 COUNT | 1 COUNT |
| 393 - Filter Strip | 1 | 1 | 500 LINEAR FEET | 500 LINEAR FEET |
| 803M - Infiltration Trench | 6 | 4 | 33.35 LINEAR FEET | 33.35 LINEAR FEET |

Proposed Activity Indicators

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

Final Indicators Summary

| Indicator Name | Total Value | Unit |
|--|-------------|--------------|
| SEDIMENT (TSS) | 400.35 | TONS/YR |
| Total Suspended Solids (TSS) | 11,132.00 | Mg/L |
| VOLUME REDUCED (ACRE-FEET/YEAR) | 56.00 | ACRE-FEET/YR |
| PHOSPHORUS (EST. REDUCTION) | 467.27 | LBS/YR |
| SOIL (EST. SAVINGS) | 2.20 | TONS/YR |

Grant Activity

| Grant Activity - BMP Implementation- MUNICIPAL STORMWATER MGT & RETROFIT IN SRWD - CLEAN WATER ASSISTANCE | | | |
|---|--|----------|-----------|
| Description | Install stormwater retrofit BMPs to address the stormwater runoff concerns for the cities of Sauk Centre, Cold Spring and St. Cloud. Technical assistance and cost share funding will be provided to these cities to complete the proposed BMPS. | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 2-Feb-13 | End Date | 31-Dec-17 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>2017: Completed the Whitney park project and the Sinclair Lewis park project in Sauk Centre. Together, these project reduced nearly 400lbs/yr of phosphorus and 391 tons of sediment from reaching the Sauk River.</p> <p>December 2016 - Whitney Park Project was delayed due to high water level. SRWD requested and attained a one year contract extension to allow time to complete the project. Project is near completion as of November 2016. Final plantings will be completed in Spring 2017. City of Sauk Centre shoreland restoration project will be finalized in Spring 2017 after water levels recede. City of Cold Spring Tree Box project was completed in October with final expense payments due in January 2017.</p> <p>December 2015: Completed the Seberger Park Phase II project and the rain garden for the City of Sauk Centre to address runoff from the parking lot in the city park.</p> <p>December 2014: The Seberger Park, and CSAH 50 projects have been completed. Invoices have been paid for the Seberger Park. The CSAH 50 invoices will be paid out in January 2015.</p> <p>2013. Invoices were paid for the sign for the large rain garden installed at the Stearns County fair grounds. Sign was installed to protect the rain garden from foot traffic and to educate viewers on the benefits of stormwater treatment.</p> | | |

| Activity Action - Seberger Park Phase one | | | |
|---|--|---------------------|-----------|
| Practice | 803M - Infiltration Trench | Count of Activities | 4 |
| Description | Install infiltration trenches to capture and pretreat stormwater | | |
| Proposed Size / Units | 0.52 AC | Lifespan | 15 Years |
| Actual Size/Units | 0.52 AC | Installed Date | 17-Sep-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for Seberger Park Phase one | | | |
|---|--|------------------|------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 13 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Final Indicator for Seberger Park Phase one | | | |
|---|---|------------------|------|
| Indicator Name | SEDIMENT (TSS) | Value | 2.2 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Activity Action - Stearns County Fair - Rain garden | | | |
|---|--|---------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 1 |
| Description | Stearns County Fair -rain garden Kiosk sign to protect site from foot traffic and inform the general public of the benefits of the rain garden | | |
| Proposed Size / Units | 1.00 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 1.00 COUNT | Installed Date | 26-Jul-13 |
| Mapped Activities | 1 Point(s) | | |

| Activity Action - CSAH 50 - Cold Spring | | | |
|---|--|---------------------|-----------|
| Practice | 803M - Infiltration Trench | Count of Activities | 3 |
| Description | Installed infiltration systems and Safl Baffles as part of the stormwater retrofit project | | |
| Proposed Size / Units | 33.35 LINEAR FEET | Lifespan | 15 Years |
| Actual Size/Units | 33.35 LINEAR FEET | Installed Date | 30-Oct-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for CSAH 50 - Cold Spring | | | |
|---|------------------------------------|------------------|---------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | 27.9978 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Final Indicator for CSAH 50 - Cold Spring | | | |
|---|--|------------------|------|
| Indicator Name | Total Suspended Solids (TSS) | Value | 5564 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) Mg/L | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Final Indicator for CSAH 50 - Cold Spring | | | |
|---|--|------------------|------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 22.9 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Activity Action - Seberger park Phase II | | | |
|--|---|---------------------|-----------|
| Practice | 350 - Sediment Basin | Count of Activities | 1 |
| Description | SAFL Baffle installed to trap sediment from the Burlington Railroad area. | | |
| Proposed Size / Units | 2.00 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 2.00 COUNT | Installed Date | 28-Aug-15 |
| Mapped Activities | 1 Point(s) | | |

| Final Indicator for Seberger park Phase II | | | |
|--|---|------------------|------|
| Indicator Name | SEDIMENT (TSS) | Value | 4.3 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Final Indicator for Seberger park Phase II | | | |
|--|--|------------------|------|
| Indicator Name | Total Suspended Solids (TSS) | Value | 4 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) Mg/L | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Activity Action - Sauk Centre Rain Garden | | | |
|---|--|---------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 1 |
| Description | Installed a rain garden in city park to address stormwater runoff from the existing parking lot on NW side of park | | |
| Proposed Size / Units | 0.40 AC | Lifespan | 10 Years |
| Actual Size/Units | 0.40 AC | Installed Date | 30-Sep-15 |
| Mapped Activities | 1 Point(s) | | |

| Final Indicator for Sauk Centre Rain Garden | | | |
|---|--|------------------|--------------------------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 1.2 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | P8 Urban Catchment Model |
| Waterbody | Sauk Lake | | |

| Final Indicator for Sauk Centre Rain Garden | | | |
|---|---|------------------|--------------------------|
| Indicator Name | SEDIMENT (TSS) | Value | .04 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | P8 Urban Catchment Model |
| Waterbody | Sauk Lake | | |

| Activity Action - St. Cloud Diocese Park | | | |
|--|--|---------------------|-----------|
| Practice | 155M - Storm Water Retention Basins | Count of Activities | 2 |
| Description | two rain gardens to address runoff from parking lot and road | | |
| Proposed Size / Units | 0.17 AC | Lifespan | 10 Years |
| Actual Size/Units | 0.17 AC | Installed Date | 29-Sep-16 |
| Mapped Activities | 1 Point(s) | | |

| Final Indicator for St. Cloud Diocese Park | | | |
|--|---|------------------|------|
| Indicator Name | SEDIMENT (TSS) | Value | .075 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |
| Final Indicator for St. Cloud Diocese Park | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .85 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River | | |

| Activity Action - Hoeschen P | | | |
|------------------------------|--|---------------------|-----------|
| Practice | 327 - Conservation Cover | Count of Activities | 1 |
| Description | installed native vegetation along lake shore to stabilize bank and filter runoff from lot. | | |
| Proposed Size / Units | 66.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 66.00 LINEAR FEET | Installed Date | 14-Oct-16 |
| Mapped Activities | 1 Polygon(s) | | |

| Final Indicator for Hoeschen P | | | |
|--------------------------------|---|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 2.52 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk Lake | | |
| Final Indicator for Hoeschen P | | | |
| Indicator Name | SEDIMENT (TSS) | Value | 2.97 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk Lake | | |

| Activity Action - City of Cold Spring - Tree boxes | | | |
|--|--|---------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 6 |
| Description | Install tree boxes in sidewalks within the city of Cold Spring | | |
| Proposed Size / Units | 6.00 COUNT | Lifespan | 15 Years |
| Actual Size/Units | 6.00 COUNT | Installed Date | 21-Dec-16 |
| Mapped Activities | 1 Point(s) | | |

| Final Indicator for City of Cold Spring - Tree boxes | | | |
|--|---|------------------|------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .42 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Sauk River chain of lakes | | |
| Final Indicator for City of Cold Spring - Tree boxes | | | |
| Indicator Name | SEDIMENT (TSS) | Value | .04 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | SRCL | | |

| Activity Action - Sinclair Lewis #2 Shoreland | | | |
|---|--|---------------------|-----------|
| Practice | 393 - Filter Strip | Count of Activities | 1 |
| Description | restore eroding shoreline with coir logs, riprap and native vegetation | | |
| Proposed Size / Units | 230.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 230.00 LINEAR FEET | Installed Date | 25-Jul-17 |
| Mapped Activities | 1 Polygon(s) | | |

| Final Indicator for Sinclair Lewis #2 Shoreland | | | |
|---|---|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 1.96 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk lake/ Sauk River | | |
| Final Indicator for Sinclair Lewis #2 Shoreland | | | |
| Indicator Name | SEDIMENT (TSS) | Value | 2.31 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk lake/ Sauk River | | |

| Activity Action - City of St. Cloud - Whitney Park | | | |
|--|---|---------------------|-----------|
| Practice | 393 - Filter Strip | Count of Activities | 1 |
| Description | Severe bank erosion along Sauk River. Restore with native vegetation and bioengineering methods | | |
| Proposed Size / Units | 500.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 500.00 LINEAR FEET | Installed Date | 10-Mar-17 |
| Mapped Activities | 1 Polygon(s) | | |

Final Indicator for City of St. Cloud - Whitney Park

| | | | |
|-----------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 388.52 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk River | | |

Final Indicator for City of St. Cloud - Whitney Park

| | | | |
|-----------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 388.41 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Sauk River | | |

Grant Activity - MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE -ADMINISTRATIVE -REPORTING -

| | | | |
|-----------------------------|---|-----------------|-----------|
| Description | This CWF project will address urban stormwater runoff concerns by providing treatment through bioretention and infiltration. Funds from this CWF grant will be used for SRWD staff for project management and project tracking and reporting. Funds will also be used for public notification of funding, and recording fees as required under statute 103D. Funds will also be used materials and supplies needed to conduct the project. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 2-Feb-13 | End Date | 29-Dec-17 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>2017: Entered project data and expenditures into Elink, completed payment requests for BMP projects and completed required reporting.</p> <p>December 2016 - Completed payment requests for storm water projects for the city of St. Cloud and entered pertinent data into Elink. Completed Project tracking and year end reports and budgets.</p> <p>December 2015: Completed payment requests for storm water BMPs. Entered BMP project data into Elink. Complete project tracking and year end reports.</p> <p>December 2014: Completed payment requests for storm water projects. Entered BMP project information into Elink, track budgets and completed progress and expenditures reports. Adjusted \$1000 from Program Development.</p> <p>July 2014: Completed the Jan-June progress report and expenditures report. Conducted project tracking for quarterly expenditures for staff expenses.</p> <p>2013: Completed the semi- annual report and submitted as required. Completed project tracking and budget review.</p> | | |

Grant Activity - MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE -PROJECT DEVELOPMENT-

| | | | |
|-----------------------------|--|-----------------|-----------|
| Description | <p>The SRWD Municipal Stormwater Management and Retrofit CWF Project will address stormwater runoff concerns within the communities of Sauk Centre, Cold Spring and St. Cloud. Located adjacent to the Sauk River, each city has stormwater outfalls that directly discharge to the river creating a negative impact on water quality. Priority subwatersheds within each city have been identified as part of the SRWD Municipal Stormwater Assessment conducted by Wenck and Associates in 2011. This CWF project will address urban stormwater runoff concerns by providing treatment through bioretention and infiltration. The SRWD staff and its contracted consultant(s) will work with the cities of Sauk Centre, Cold Spring and St. Cloud to develop the stormwater BMPs by presenting to city councils, public meetings, and other activities needed to reach approval for implementation. Funds will be used for staff activities, consultant services, notification of project to local newspapers, and other expenses as needed to move this project forward to the installation phase.</p> | | |
| Category | PROJECT DEVELOPMENT | | |
| Start Date | 2-Feb-13 | End Date | 31-Dec-16 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>2017: Hosted a stormwater education event to remind urban residents that what happens on urban lawns can impact the Sauk River.</p> <p>December 2016 - worked with the cities of Sauk Centre, Cold Spring and St. Cloud in project planning and public meetings. Conducted a tour for MPCA to explain the completed stormwater projects in the city of St. Cloud funded by CWF and CWP funds. Hosted a tour for legislature and stakeholders which show cased the Seberger Park stormwater infiltration project and the Whitney Park Project.</p> <p>December 2015: Met with city staff in Sauk Centre, Cold Spring and St. Cloud to review new projects and funding options. Met with SWCD and City of St. Cloud on Whitney park Project and Issues with COE.</p> <p>December 2014: Designs were completed for the Whitney Park riparian restoration project. Project is slated for construction in Spring 2015. Project seeking proposals for removal of a low-head dam thats causing additional bank stress and instability to the bank toe. Additional technical assistance and funding needed for engineering. The Seberger Park stormwater retrofit Phase I project was completed and invoices paid. The splash pad for the city of Sauk Centre completed contractual agreements and design plans. Project slated to be installed spring 2015. The Cold Spring – CSAH 50 Stormwater Infiltration Project is completed. SRWD is waiting for final invoices and engineers inspection report. Invoices will be paid in January 2015. Moved \$1000 to admin budget.</p> <p>2013: Met with the cities of St. Cloud, Sauk Centre and Cold Spring to review Municipal assessment reports done by Wenck in 2011. Met with city councils to go over Districts funding for recommended stormwater BMPs .</p> <p>-Discussed the Whitney park Project with the city of St. Cloud. Worked with City of St. Cloud staff and Stearns SWCD staff to generate a preliminary design for Whitney park project, a large river restoration with steep slopes and large volume of</p> | | |

stormwater coming from park.

Grant Activity - MUNICIPAL STORMWATER- CLEAN WATER ASSISTANCE -TECHNICAL ASSISTANCE AND ENGINEERING -

| | | | |
|-----------------------------|--|-----------------|-----------|
| Description | The SRWD Municipal Stormwater Management and Retrofit CWF Project will address stormwater runoff concerns within the communities of Sauk Centre, Cold Spring and St. Cloud. Located adjacent to the Sauk River, each city has stormwater outfalls that directly discharge to the river creating a negative impact on water quality. Priority subwatersheds within each city have been identified as part of the SRWD Municipal Stormwater Assessment conducted by Wenck and Associates in 2011. This CWF project will address urban stormwater runoff concerns by providing treatment through bioretention and infiltration. Funds from this CWF project will be used to provide technical assistance from SRWD staff and contract consultant(s). Assistance will be provided to the three municipalities mentioned above to generated design plans, conduct inspections, generate Operation and Maintenance plans and other technical services as needed to complete installation of the proposed stormwater BMPs. Projects will follow the performance standards of the MN stormwater manual as well as any require permits standards. Funds will also be used for legal expenses generated to complete the required documents associated with this project. | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 2-Feb-13 | End Date | 31-Dec-17 |
| Has Rates and Hours? | No | | |
| Actual Results | 2017: Worked with contractor to complete the Sinclair Lewis Project . Conducted inspections on the BMP projects funded by the grant. December 2016 - Design plans were completed and require permits attained for the City of Sauk Centre's shoreland restoration along Sauk Lake. The Cold Spring Tree Box project design and cost estimate was completed with installation inspections completed in October. Inspection were completed on the Whitney park project in November with final inspections needed in spring 2017. December 2015: Design plans for Seberger Park Phase II was completed. Inspections were conducted on both phases of the Seberger Park project and the Sauk Centre rain garden. December 2014: The Cold Spring – CSAH 50 Storm water Infiltration Project is completed and pending final invoices. The City of Sauk Centre Stormwater Infiltration Basin for the Splash pad has completed contractual agreements and final design and is slated for construction Spring 2015. The Seberger Park Stormwater Retrofits Phase I of the project has been completed. Invoices have been paid. 2013: Assisted with design plans for the municipal stormwater projects | | |

Grant Attachments

| Document Name | Document Type | Description |
|------------------------------|--------------------|---|
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/13/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 07/08/2013 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 04/02/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 07/24/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/09/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/09/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/20/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/20/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/20/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/14/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/22/2018 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/02/2017 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/13/2017 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/12/2016 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 04/01/2016 |
| Amendment | Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) |
| Amendment | Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) |
| Second payment authorization | Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) |
| grant_app_general-added.rpt | Grant | 2013 - Clean Water Assistance Grant - Sauk River WD (WSHED) |