



## 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

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

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$538,575.00	\$352,647.35	\$185,927.65
Total Match Amount	\$149,000.00	\$189,070.95	\$-40,070.95
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$687,575.00</b>	<b>\$541,718.30</b>	<b>\$145,856.70</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	Match
MUNICIPAL STORMWATER - CLEAN WATER ASSISTANCE - ADMINISTRATIVE -REPORTING -	Administration /Coordination	Current State Grant	2013 - Clean Water Assistance Grant - Sauk River WD (WSHED)	\$4,600.00	\$4,531.79	11/30/2016	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
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)	\$13,625.00	\$14,105.52	5/31/2016	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)	\$25,350.00	\$13,276.30	12/30/2016	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
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)	\$495,000.00	\$320,733.74	10/25/2016	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	\$171,883.84	10/31/2016	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
803M - Infiltration Trench	8	1	0.52 AC	0.52 AC
712M - Bioretention Basin	1	1	1 COUNT	1 COUNT

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
155M - Storm Water Retention Basins	2	1	0.17 AC	0.17 AC
155M - Storm Water Retention Basins	1	0	1 AC	1 AC
350 - Sediment Basin	1	1	2 COUNT	2 COUNT
712M - Bioretention Basin	6	0	6 COUNT	6 COUNT
712M - Bioretention Basin	1	1	0.4 AC	0.4 AC
327 - Conservation Cover	1	0	66 LINEAR FEET	66 LINEAR FEET
100M - Presentations	3	0	1 COUNT	1 COUNT
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
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### Final Indicators Summary

Indicator Name	Total Value	Unit
<b>SEDIMENT (TSS)</b>	6.62	TONS/YR
<b>Total Suspended Solids (TSS)</b>	11,132.00	Mg/L
<b>VOLUME REDUCED (ACRE-FEET/YEAR)</b>	56.00	ACRE-FEET/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	73.85	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	2.20	TONS/YR

## Grant Activity

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

<b>Description</b>	<p>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.</p>		
<b>Category</b>	<p>ADMINISTRATION/COORDINATION</p>		
<b>Start Date</b>	<p>2-Feb-13</p>	<b>End Date</b>	
<b>Has Rates and Hours?</b>	<p>No</p>		
<b>Actual Results</b>	<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.            December 2015: Completed payment requests for storm water BMPs. Entered BMP project data into Elink. Complete project tracking and year end reports.            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.            July 2014: Completed the Jan-June progress report and expenditures report. Conducted project tracking for quarterly expenditures for staff expenses.            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-**

<b>Description</b>	<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>		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>	2-Feb-13	<b>End Date</b>	31-Dec-16
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<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 the 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 for progress on Whitney park Project and Issues with the COE.</p> <p>December 2014: Designs were completed for the Whitney Park riparian restoration project. Project is slated for construction in Spring 2015. The project seeking proposals for removal of a low-head dam that is 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 listed in the assessment report.</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 the Whitney park project, a large river restoration project with steep slopes and large volume of stormwater coming from the park.</p>		

**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 generate 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-15

**Has Rates and Hours?**

No

**Actual Results**

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 Activity - BMP Implementation- MUNICIPAL STORMWATER MGT & RETROFIT IN SRWD - CLEAN WATER ASSISTANCE**

<b>Description</b>	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.		
<b>Category</b>	URBAN STORMWATER MANAGEMENT PRACTICES		
<b>Start Date</b>	2-Feb-13	<b>End Date</b>	31-Dec-16
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<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 - Test			
<b>Practice</b>	155M - Storm Water Retention Basins	<b>Count of Activities</b>	1
<b>Description</b>	water		
<b>Proposed Size / Units</b>	1.00 AC	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	1.00 AC	<b>Installed Date</b>	
<b>Mapped Activities</b>	No		

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

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

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

<b>Final Indicator for St. Cloud Diocese Park</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	.85
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	MIDS
<b>Waterbody</b>	Sauk River		

<b>Final Indicator for St. Cloud Diocese Park</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	.075
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	MIDS
<b>Waterbody</b>	Sauk River		

<b>Activity Action - Hoeschen P</b>			
<b>Practice</b>	327 - Conservation Cover	<b>Count of Activities</b>	1
<b>Description</b>	installed native vegetation along lake shore to stabilize bank and filter runoff from lot.		
<b>Proposed Size / Units</b>	66.00 LINEAR FEET	<b>Lifespan</b>	10 Years
<b>Actual Size/Units</b>	66.00 LINEAR FEET	<b>Installed Date</b>	14-Oct-16
<b>Mapped Activities</b>	No		

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	No		

## 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 - 01/13/2017
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/01/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/12/2016
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)