



## Grant All-Detail Report 2013 - Clean Water Assistance Grant

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

**Grant ID** - C13-4624

**Organization** - Clearwater River WD

<b>Grant Awarded Amount</b>	<b>\$277,900.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	\$69,475.00	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$277,900.00	\$249,529.94	\$28,370.06
Total Match Amount	\$276,300.00	\$200,789.15	\$75,510.85
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$554,200.00</b>	<b>\$450,319.09</b>	<b>\$103,880.91</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
CWF Cedar Lake Watershed Protection and Improvement - Grant Admin/Management, Swartout Portion	Administration /Coordination	Local Fund	Local Match - CRWD and Special Assessment of Benefitted Properties	\$10,000.00	\$7,552.16	12/31/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
1_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Cedar Portion	Technical/Engineering Assistance	Local Fund	Local Match - Special Assessment of Benefitted Properties	\$34,000.00	\$24,726.10	9/4/2015	Y
2_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Swartout Portion	Technical/Engineering Assistance	Local Fund	Local Match - Special Assessment of Benefitted Properties	\$34,000.00	\$44,713.67	12/31/2015	Y
3_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Cedar Portion	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (W..	\$0.00	\$10,276.00	8/11/2015	N
4_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Swartout Portion	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (W..	\$0.00	\$10,224.00	12/31/2015	N
CWF Cedar Lake Watershed Protection and Improvement - Grant Administration/Management, Cedar Portion	Administration/Coordination	Local Fund	Local Match - CRWD and Special Assessment of Benefitted Properties	\$10,000.00	\$7,716.04	12/31/2015	Y
CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Cedar Portion	Urban Stormwater Management Practices	Current State Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)	\$120,400.00	\$75,701.48	6/10/2015	N
CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Cedar Portion	Urban Stormwater Management Practices	Local Fund	Local Match - Cedar Lake Conservation Club and Special Assessment of Benefitted Properties	\$51,800.00	\$10,825.18	12/31/2015	Y
CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Swartout Portion	Special Projects	Current State Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)	\$157,500.00	\$153,328.46	12/7/2015	N
CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Swartout Portion	Special Projects	Local Fund	Local Match - Special Assessment of Benefitted Properties	\$58,500.00	\$1,256.00	12/31/2015	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
CWF Cedar Lake Watershed Protection and Improvement - Project Development, Cedar Portion	Project Development	Local Fund	Local Match - CRWD and Special Assessment of Benefitted Properties	\$54,000.00	\$80,000.00	2/10/2014	Y
CWF Cedar Lake Watershed Protection and Improvement - Project Development, Swarout Portion	Project Development	Local Fund	Local Match - CRWD and Special Assessment of Benefitted Properties	\$24,000.00	\$24,000.00	6/11/2014	Y

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
155M - Storm Water Retention Basins	1	1	0.6 AC	0 AC
155M - Storm Water Retention Basins	1	1	500 LINEAR FEET	0 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>PHOSPHORUS (EST. REDUCTION)</b>	1,280.00	LBS/YR

## Grant Activity

### Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Grant Admin/Management, Swartout Portion

<b>Description</b>	Administration and Management of the project: "Cedar Lake Watershed Protection and Improvement Project." This initiative includes: tracking costs, filing required reports, updating eLink, providing oversight and guidance to all project participants, etc.  Initiative will be performed by Administrator Dennis Loewen.		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	1-Jan-13	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>			

**Grant Activity - 1\_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Cedar Portion**

<b>Description</b>	<p>Once final conceptual design is developed and reviewed by the CRWD Board of Managers and the Technical Advisory Committee under project development, work will begin on final design. The engineer plans &amp; spec. will be uploaded as a attachment to allow for review.</p> <p>Work will be completed primarily by Wenck Associates, Inc under contract with the CRWD. They are known in Minnesota for their excellence in water resource management, and their staff provides depth of experience and credentials necessary to complete this project. CRWD staff will provide assistance as needed.</p>
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE
<b>Start Date</b>	<b>End Date</b>
<b>Has Rates and Hours?</b>	No
<b>Actual Results</b>	<p>1) Engineering plans &amp; specs. have been drafted. 2) Bids were let. 3) Construction oversight is complete.</p> <p>Tasks remaining: 1) Final engineering sign-off of construction and final project report (including O&amp;M plan).</p>

**Grant Activity - 2\_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Swartout Portion**

<p><b>Description</b></p>	<p>Once final conceptual design is developed and reviewed by the CRWD Board of Managers and the Technical Advisory Committee under project development, work will begin on final design. The engineer plans &amp; spec. will be uploaded as a attachment to allow for review.</p> <p>Work will be completed primarily by Wenck Associates, Inc under contract with the CRWD. They are known in Minnesota for their excellence in water resource management, and their staff provides depth of experience and credentials necessary to complete this project. CRWD staff will provide assistance as needed.</p>
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>
<p><b>Start Date</b></p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>No</p>
<p><b>Actual Results</b></p>	<p>1) Engineering plans &amp; specs. have been drafted.                  2) Bids were let.                  3) Construction oversight on hold pending results of phase II archaeological site investigations.</p> <p>Tasks remaining:                  1) Construction oversight                  2) Final engineering sign-off of construction and final project report (including O&amp;M plan).</p>

**Grant Activity - 3\_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Cedar Portion**

<b>Description</b>	<p>Once the final conceptual design is developed and reviewed by the CRWD Board of Managers and the Technical Advisory Committee under project development, work will begin on final design. The engineer plans &amp; specs. will be uploaded as a attachment to allow for review</p> <p>Work will be completed primarily by Wenck Associates, Inc under contract with the CRWD. Wenck Associates is well known in Minnesota for their excellence in water resource management work, and their staff provides a depth of experience and credentials necessary to complete this project. CRWD staff will provide assistance as needed.</p>
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE
<b>Start Date</b>	<b>End Date</b>
<b>Has Rates and Hours?</b>	No
<b>Actual Results</b>	<p>1) Engineering plans &amp; specs. have been drafted. 2) Bids were let. 3) Construction oversight is complete.</p> <p>Tasks remaining: 1) Final engineering sign-off of construction and final project report (including O&amp;M plan).</p>

**Grant Activity - 4\_CWF Cedar Lake Watershed Protection and Improvement - Technical & Engineering, Swartout Portion**

<p><b>Description</b></p>	<p>Once final concept design is developed and reviewed by the CRWD Board of Managers and the Technical Advisory Committee under project development, work will begin on final design. The engineer plans &amp; spec. will be uploaded as a attachment to allow for review.</p> <p>Work will be completed primarily by Wenck Associates, Inc under contract with the CRWD. Wenck Associates is well known in Minnesota for their excellence in water resource management work, and their staff provides a depth of experience and credentials necessary to complete this project. CRWD staff will provide assistance as needed.</p>
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>
<p><b>Start Date</b></p>	<p><b>End Date</b></p>
<p><b>Has Rates and Hours?</b></p>	<p>No</p>
<p><b>Actual Results</b></p>	<p>1) Engineering plans &amp; specs. have been drafted.                  2) Bids were let.                  3) Construction oversight on hold pending results of phase II archaeological site investigations.</p> <p>Tasks remaining:                  1) Construction oversight                  2) Final engineering sign-off of construction and final project report (including O&amp;M plan).</p>



**Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Grant Administration/Management, Cedar Portion**

<b>Description</b>	Administration and Management of the project: "Cedar Lake Watershed Protection and Improvement Project." This initiative includes: tracking costs, filing required reports, updating eLink, providing oversight and guidance to all project participants, etc.		
	Initiative will be performed by Administrator Dennis Loewen.		
<b>Category</b>	ADMINISTRATION/COORDINATION		
<b>Start Date</b>	1-Jan-13	<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>			

**Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Cedar Portion**

<b>Description</b>	Labor and materials for construction of a low-flow stormwater channel with limestone filtration berm to remove soluble phosphorus from inflows to Cedar Lake, a high-value recreational lake.		
<b>Category</b>	URBAN STORMWATER MANAGEMENT PRACTICES		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	<ol style="list-style-type: none"> <li>1) Easements exhibit drafted.</li> <li>2) Property taxes paid.</li> <li>3) Easements acquired and recorded.</li> <li>4) Acquisition of permits complete.</li> <li>5) Bidding complete.</li> <li>6) Construction complete.</li> </ol> <p>Work to be completed:</p> <ol style="list-style-type: none"> <li>1) Post-construction engineer verification and sign-off / creation of O&amp;M documents.</li> <li>2) Finish property transfer as part of agreement with common interest landowners.</li> </ol>		

Activity Action - BMP - Channel & Limestone Filter			
Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	Low-flow stormwater channel with limestone filtration berm		
Proposed Size / Units	500.00 LINEAR FEET	Lifespan	30 Years
Actual Size/Units	LINEAR FEET	Installed Date	

Final Indicator for BMP - Channel & Limestone Filter			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	480
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	Cedar Lake		

Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Land & Water Project, Swartout Portion			
Description	Labor and materials for construction of a notch weir / sand-iron filter in DNR wetland area to remove particulate and soluble phosphorus from inflows to Swartout Lake, a state-listed impaired water.		
Category	SPECIAL PROJECTS		
Start Date		End Date	
Has Rates and Hours?	No		
Actual Results	<p>1) Work on finalizing Joint Powers Agreement (JPA) with DNR for placing component on Swartout WMA.</p> <p>2) JPA between DNR and CRWD finalized, signed.</p> <p>3) Onsite meeting with Wright County SWCD and USACOE to go over permit requirements.</p> <p>4) Acquisition of permits in progress.</p> <p>5) Bidding completed.</p> <p>6) Completion of phase II archaeological investigations.</p> <p>7) Acquisition of permits.</p> <p>8) Major construction.</p> <p>Work to be completed:</p> <p>1) Finish construction (final site restoration)</p> <p>2) Post-construction engineer verification and sign-off / finalization of O&amp;M documents.</p>		

Activity Action - Sand-Iron Filter System			
Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	A sand-iron filter designed to treat baseflows of 3 cfs while preserving upstream hydrology, removing approx. 800 lbs. / yr. of phosphorus from the system.		
Proposed Size / Units	0.60 AC	Lifespan	30 Years
Actual Size/Units	AC	Installed Date	

Final Indicator for Sand-Iron Filter System			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	800
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	P8 Urban Catchment Model
Waterbody	Swartout Lake		

**Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Project Development, Cedar Portion**

<b>Description</b>	Project development focuses on these things: 1) Initialize technical advisory committee 2) Incorporate any assistance from other LGUs 3) Contact with prospective landowner(s) 4) Complete project concept after contact with landowner(s), have technical advisory committee review. 5&6) Finalize land acquisitions (purchases & easements); Move on to engineering plans & specs (T&E)	
<b>Category</b>	PROJECT DEVELOPMENT	
<b>Start Date</b>	1-Jan-13	<b>End Date</b>
<b>Has Rates and Hours?</b>	No	
<b>Actual Results</b>	1) Initial technical advisory committee has been held. 2) Project concept has been finalized and review by committee. 3) Easements and/or ownership of two lots that make up project area is being pursued. 4) One lot has been purchased by CRWD. 5) Engineered designs have been completed. Project Manual has been completed. 6) Common interest lot owners have signed letters of intent and are reviewing engineered plans. 7) Common interest lot owners have signed letters of agreement to work with the CRWD to construct the project on the common interest lot. 8) Easements have been created. Common interest lot owners have easements and are in the process of signing. 9) Easements have been signed and recorded.  Task is completed.	

**Grant Activity - CWF Cedar Lake Watershed Protection and Improvement - Project Development, Swarout Portion**

<b>Description</b>	Project development focuses on these things: 1) Initial technical advisory committee 2) Incorporate any assistance from other LGUs 3) Contact with Minnesota Department of Natural Resources regarding easement agreement in DNR wetland for East Swartout component. 4) Conduct survey of DNR wetland to determine elevations and potential effects of action on water levels. 5) Complete revised concept. 6) Meet with DNR Wildlife to further discussion easement agreement in DNR wetland for East Swartout component. 7) Reconvene Technical Advisory Committee to review revised concepts 8) Move on to engineering plans & specs., as well as finalizing easement acquisitions (T&E)		
<b>Category</b>	PROJECT DEVELOPMENT		
<b>Start Date</b>		<b>End Date</b>	
<b>Has Rates and Hours?</b>	No		
<b>Actual Results</b>	1) Initial technical advisory committee has been held. 2) Project concept has been finalized and review by committee. 3) Work is in progress to develop an agreement with MN DNR on installing this component on the Swartout WMA. 4) Detailed plans, with basic specs. has been created. 4) A Joint Powers Agreement (JPA) has been drafted and is currently being reviewed by the DNR. 5) JPA between DNR and CRWD has been completed, signed.  This task is complete.		

**Grant Attachments**

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/31/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/11/2014
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 03/02/2015
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/20/2016
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 01/28/2015
<b>Amendment</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)

Document Name	Document Type	Description
<b>Draft Project Manual - Old Highway 55 Component 010614</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>East Swartout - Plan Drawing</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>East Swartout - Plan Drawing, Aerial</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>MN DNR - Phase I Archaeological Investigations</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>Project Manual #1 - East Swartout</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>Project Manual #2 - Old Highway 55</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>Revised plan set for East Swartout Component</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)
<b>grant_app_general-added.rpt</b>	Grant	2013 - Clean Water Assistance Grant - Clearwater River WD (WSHED)