



Grant All-Detail Report 2013 - Clean Water Assistance Grant

Grant Title - 2013 - Clean Water Assistance Grant - Red Lake (SWCD)

Grant ID - C13-3800

Organization - Red Lake SWCD

Grant Awarded Amount	\$40,400.00	Grant Execution Date	
Required Match Amount	\$10,100.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Tanya Hanson

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$40,400.00	\$40,400.00	\$0.00
Total Match Amount	\$15,899.26	\$15,899.26	\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$56,299.26	\$56,299.26	\$0.00

**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
2013 - CWF - Stormwater Runoff Project	Urban Stormwater Management Practices	Current State Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)	\$30,000.00	\$30,000.00	11/10/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
2013 - CWF - Stormwater Runoff Project	Urban Stormwater Management Practices	Local Fund	2013 - Red Lake Watershed District - Local Cash Match	\$7,399.26	\$7,399.26	11/10/2014	Y
2013 - CWF - Stormwater Runoff Project	Urban Stormwater Management Practices	Local Fund	2013 - St. Joseph's Church - Local Match	\$7,000.00	\$7,000.00	11/10/2014	Y
2013 - CWF - Stormwater Runoff Project	Urban Stormwater Management Practices	Local Fund	Red Lake County SWCD	\$1,500.00	\$1,500.00	11/10/2014	Y
2013 - CWF - Stormwater Runoff Project - Admin/Grant Management/Reporting	Administration /Coordination	Current State Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)	\$3,200.00	\$3,200.00	11/10/2014	N
2013 - CWF - Stormwater Runoff Project - Project Development	Project Development	Current State Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)	\$1,600.00	\$1,600.00	11/10/2014	N
2013 - CWF - Stormwater Runoff Project - Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)	\$5,600.00	\$5,600.00	10/31/2014	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
712M - Bioretention Basin	1	1	1.00 AC

Indicators Summary

Indicator Name	Total Value	Unit
SEDIMENT (TSS)	40.00	TONS/YR

Grant Activity

Grant Activity - 2013 - CWF - Stormwater Runoff Project			
Description	<p>The Stormwater Runoff Management Project will be designed to manage the stormwater runoff from an estimated 28,356 sf of impervious lot runoff and 8,899 sf of roof runoff from the church administration building and the church.</p> <p>It will also address the safety concern of personal falls from roof runoff outleting onto the sidewalks and freezing.</p> <p>Roof runoff from the administration building will have gutters installed and outlet onto a 25' wide and 150' long Bio-Retention Swale (a vegetated swale that improves water quality by infiltrating the first flush of storm water runoff and filtering the large storm flows the convey). The majority of the annual precipitation comes from smaller rain events and the value of the bio-swale comes from the filtrating and infiltrating nearly all the stormwater runoff. Drain tile will be installed 2.5' to 3' below the grass swale and rain garden to improve the soil water holding capacity and infiltration.</p> <p>The planned Rain Gardens, Bio-swales, and Curtain Infiltration Drain (Stormwater Management Practices) are designed to treat 100% runoff from rainfall events up to 2.5" through infiltration and filtration.</p>		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	22-Feb-13	End Date	07-Nov-14
Rates and Hours			
Actual Results	<p>The Stormwater Runoff Projects was completed in October of 2014. The CWF project was estimated at \$40,000.00. The accepted bid from Brummond Excavating was over budget at \$44,399.26. The SWCD approved this bid amount at the September 9, 2014 board meeting.</p> <p>RLWD Board of Managers approved at their Sept. 11, 2014 Board meeting providing \$7,399.26 cash match toward the project. (The initial request was for \$3,000.00 but because the bid came in over budget the RLWD was willing to provide the addition \$4,399.26 needed to complete the project.)</p> <p>On October 9th, Brummund Excavating contacted the SWCD informing the District a State Permit (\$700.00) was required. In addition, the RRVCSA Engineer underestimated by 80 yards the amount of fill required (\$800.00). On October 20, 2014, the Red Lake County SWCD Board approved providing up to an additional \$2,000.00 to cover the unexpected project costs.</p> <p>Total Project Cost was \$45,899.26; CWF grant funds provided \$30,000.00, RLWD provided \$7,399.26 (match), St. Joseph's</p>		

Church provided \$7,000.00 (match), and the Red Lake County SWCD provided \$1,500.00 (match).

The Red Lake County SWCD approved the St. Joseph's Stormwater Runoff Project Voucher on Nov. 10, 2014 in the amount of \$30,000.00.

Activity Action - Legacy Migrated Data

Practice	712M - Bioretention Basin	Count of Activities	1
Description	75% cost share provided through 2013 CWF - Clean Water Assistance Grant.		
Proposed Size / Units	1 AC	Lifespan	15 Years
Actual Size/Units	1 AC	Installed Date	7-Nov-14

Final Indicator for Legacy Migrated Data

Indicator Name	SEDIMENT (TSS)	Value	40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	RUSLE2 (UPDATED)
Waterbody	Clearwater River		

Grant Activity - 2013 - CWF - Stormwater Runoff Project - Admin/Grant Management/Reporting

Description	The Red Lake County SWCD District Manager will be responsible for all elink, website, and final reporting documents for the project. The Red Lake County SWCD District Manager will coordinate the project, track direct costs and staff hours spent on the project, provide the data needed to complete all BWSR project requirements, and track all of the financial documentation of this project.		
Category	ADMINISTRATION/COORDINATION		
Start Date	22-Feb-13	End Date	31-Dec-14
Rates and Hours			
Actual Results	Jim Hest, RRV Conservation Area Engineer and Tanya Billberg, Red Lake County SWCD Manager met with St. Joseph's Church Board to discuss the project on Feb.20th, 2013. A preliminary design was completed by the NRCS Area Office but St. Joseph's Church requested engineering assistance from Jim Hest. Jim Hest conducted a survey of the St. Joseph's Project on 6/27/2013. The contract was signed by St. Joseph's Church on 8/2/2013. The SWCD Board approved the contract on 8/12/2013.		

Grant Activity - 2013 - CWF - Stormwater Runoff Project - Project Development

Description	<p>Red Lake County SWCD staff (District Manager and District Technician) will work with contacting the St. Joseph's Church, the City of Red Lake Falls, Red Lake County Social Services, and Red Lake County Commissioners (to make sure everyone is informed about this project). The District Manager will be setting up timelines, working on the contract, doing public outreach, and working directly with meeting the goals and outcomes of this project. Staff will work with NRCS Area Engineer, Red River Valley Conservation Area 1 Engineer, St. Joseph's Church representative and contractors to line up site location access for project construction. The District Manager will coordinate meetings prior to construction to keep the everyone informed as to the project timelines.</p>		
Category	PROJECT DEVELOPMENT		
Start Date	22-Feb-13	End Date	10-Nov-14
Rates and Hours			
Actual Results	<p>A meeting was held on Feb. 25th, 2013 with the Church Board, Jim Hest, and Tanya Billberg to discuss the grant process, match requirements, and the project preliminary design.</p> <p>Tanya met with Clement Benoit, St. Joseph's Church representative 4 times (during the spring of 2013) to discuss: the grant process, the preliminary survey, what in-kind contributions and cash match the Church will be responsible to provide, and then after Jim Hest completed the survey (initial findings).</p> <p>Tanya met with Louis Remick, Stormwater Runoff Project Committee Member 3-4 times throughout the summer of 2014.</p> <p>Additional meetings were held with the Stormwater Runoff Project Committee, Jim Hest, and Tanya Billberg on the following dates: June 27th (2013), August 2nd (2013), May 16th (2014), May 22nd (2014), June 2nd (2014), and August 8th (2014).</p>		

Grant Activity - 2013 - CWF - Stormwater Runoff Project - Technical & Engineering

Description	Red Lake County SWCD staff (District Manager and District Technician) will work with the Red River Valley Conservation Area Engineer (Jim Hest, Certified PE) and the NRCS Area Engineer on surveying the project. Red River Valley Conservation Area Engineer and NRCS Area Engineer will be responsible for the design work. The Stormwater Runoff project will be planned and installed in accordance with technical standards and specifications of the NRCS Field Technical Guide. Red Lake County SWCD staff will work with Red River Valley Conservation Area Engineer (Jim Hest), NRCS Area Engineer (Roy), Red Lake Watershed District (Myron Jesme), and any other local, state, or federal agencies that we may need to contact to assist with the project construction. St. Joseph's Church and the Red Lake Watershed District will be providing the 25% required project match. All technical and engineering documents will be available upon request.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	22-Feb-13	End Date	10-Nov-14
Rates and Hours			
Actual Results	On June 27, 2013 the St. Joseph' Stormwater Runoff Project was surveyed by the Red River Valley Conservation Service Area Engineer. Four to Five meetings were held with St. Joseph's Project Committee throughout the Project Development Stage of the project. On May 13th, Gopher State One was called to mark utility line locations within the project area. On May 16th, 2014 the site was re-surveyed by the Red River Valley Conservation Service Area Engineer to make sure utility line locations did not interfere with the proposed project. Final Construction Plan and Specifications were received on 08/06/2014. The SWCD Board approved the Construction Bid from Brummond Construction at the September 8, 2014 Board Meeting. The Red River Valley Conservation Service Area Engineer was on site during construction and completed a Construction Inspection on the project. The project was completed on 10/30/2014. The Technical and Engineering Assistance provided for the Stormwater Runoff Project was in the amount of \$5,600.00.		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 10/31/2013
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/09/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/14/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/10/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/12/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 09/04/2013

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 11/12/2014
Signed - Financial Report	Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)
grant_app_general-added.rpt	Grant	2013 - Clean Water Assistance Grant - Red Lake (SWCD)