



Item 8F.
BCWMC 2-19-15

Grant All-Detail Report 2012 - Clean Water Assistance

Grant Title - 2012 - Clean Water Assistance - Bassett Creek WMO (WMO)

Grant ID - C13-5436

Organization - Bassett Creek WMC

Grant Awarded Amount	\$217,500.00	Grant Execution Date	
Required Match Amount	\$54,375.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Karen Chandler

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$217,500.00	\$20,000.00	\$197,500.00
Total Match Amount	\$638,500.00	\$62,742.71	\$575,757.29
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$856,000.00	\$82,742.71	\$773,257.29

**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
Bassett Creek Golden Valley Road to Irving Avenue Restoration Project - Project Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)	\$193,000.00	0		N
Bassett Creek Golden Valley Road to Irving Avenue Restoration Project - Project Construction	Streambank or Shoreline Protection	Local Fund	BCWMC Local Match	\$566,000.00	0		Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Grant Administration	Administration /Coordination	Current State Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)	\$500.00			N
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Grant Administration	Administration /Coordination	Local Fund	BCWMC Local Match	\$1,700.00	\$3,576.00	8/8/2014	Y
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Project Development	Project Development	Current State Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)	\$4,000.00			N
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Project Development	Project Development	Local Fund	BCWMC Local Match	\$12,800.00	\$6,673.31	11/7/2014	Y
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Technical & Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)	\$20,000.00	\$20,000.00	11/1/2014	N
Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Technical & Engineering	Technical/Engineering Assistance	Local Fund	BCWMC Local Match	\$58,000.00	\$52,493.40	11/1/2014	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
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Indicators Summary

Indicator Name	Total Value	Unit
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Grant Activity

Grant Activity - Bassett Creek Golden Valley Road to Irving Avenue Restoration Project - Project Construction

Description

This project is a continuation of the BCWMC's efforts to stabilize stream reaches damaged by erosion or affected by sedimentation. For this project, the BCWMC has identified a 3,100-foot reach of Bassett Creek, including 9 individual sites where significant erosion is occurring. The problems include degraded vegetative diversity and invasive species, areas of active bank erosion and deposition of sediments. Most of this reach is located within the Theodore Wirth Regional Park, located in the City of Golden Valley. Land use immediately adjacent to the upper 80% of the reach is golf course and parkland. The land use adjacent to the lower 20% of the reach is mostly industrial. The work to restore the channel has been requested by the Minneapolis Park and Recreation Board, which owns nearly all of the property adjacent to the creek.

The project will implement/construct a variety of stream restoration measures to correct problems and to reduce phosphorus loading downstream. These measures may include riprap, root wads, biologs, J-vanes, site grading and vegetation re-establishment among other measures. The final design will determine the most appropriate measures to use at each individual site. The proposed stabilization measures will result in a reduction of the sediment and phosphorus loading to Bassett Creek and all downstream water bodies, including the Mississippi River and Lake Pepin. Stabilizing this reach is estimated to reduce TP loads by 60 pounds per year and TSS loads by 105,000 pounds per year.

The project will require 1)a Clean Water Act Section 404 permit from the USCOE, or Letter of Permission under a General Permit, and Section 401 certification from the MPCA, 2)compliance with the Minnesota Wetland Conservation Act, and 3) a Public Waters Work Permit from the MNDNR.

The total estimated project cost to complete the improvements is \$856,000 including administration, design, permitting and installation.

Category

STREAMBANK OR SHORELINE PROTECTION

Start Date

End Date

Rates and Hours

Actual Results

February 5, 2013- Minneapolis Parks and Recreation Board (MPRB) will award the design contract to WSB on February 6th, 2013. Design completion is expected in June 2013 and construction will begin in fall 2013.

January 24, 2013- As of spring 2014, project design is nearly complete and construction is slated to begin in summer 2014. Project completion is expected in fall/winter 2014.

Grant Activity - Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Grant Administration

Description	Manage the overall project to ensure it meets the reporting requirements for scope, budget and schedule established in the grant agreement.	
Category	ADMINISTRATION/COORDINATION	
Start Date		End Date
Rates and Hours		
Actual Results	<p>February 5, 2013- Minneapolis Parks and Recreation Board (MPRB) will award the design contract to WSB on February 6th, 2013. Design completion is expected in June 2013 and construction will begin in fall 2013.</p> <p>January 24, 2013- As of spring 2014, project design is nearly complete and construction is slated to begin in summer 2014. Project completion is expected in fall/winter 2014.</p>	

Grant Activity - Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Project Development

Description	Project development will include permitting, coordination with project partners, conservation marketing and information gathering.	
Category	PROJECT DEVELOPMENT	
Start Date		End Date
Rates and Hours		
Actual Results	<p>February 5, 2013- Minneapolis Parks and Recreation Board (MPRB) will award the design contract to WSB on February 6th, 2013. Design completion is expected in June 2013 and construction will begin in fall 2013.</p> <p>January 24, 2013- As of spring 2014, project design is nearly complete and construction is slated to begin in summer 2014. Project completion is expected in fall/winter 2014.</p>	

Grant Activity - Bassett Creek Golden Valley Road to Irving Avenue Restoration project - Technical & Engineering

Description	<p>This initiative includes the design of streambank restoration measures to protect a 3,100-foot reach of creek, including 9 individual sites where significant erosion is occurring. All design work will be completed by a registered engineer. A consultant, to be determined, will design the restoration measures and oversee construction.</p> <p>Design specifications will be generated by using a combination of HEC-RAS model results and design guidelines in sources that include or are similar to the following:</p> <p>Biedenharn, D.S., C.M. Elliot, and C.C. Watson, (1997). The WES Stream Investigation and Streambank Stabilization Handbook. U.S. Army Engineer Research and Development Center, Vicksburg, MS. www.wes.army.mil/el/emrrp</p> <p>Fischenich, C. (2001). "Stability Thresholds for Stream Restoration Materials," EMRRP Technical Notes Collection (ERDC TNEMRRP-SR-29), U.S. Army Engineer Research and Development Center, Vicksburg, MS. www.wes.army.mil/el/emrrp</p> <p>Both of the listed documents are attached to this work plan.</p>	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date	End Date	
Rates and Hours		
Actual Results	<p>February 5, 2013- Minneapolis Parks and Recreation Board (MPRB) will award the design contract to WSB on February 6th, 2013. Design completion is expected in June 2013 and construction will begin in fall 2013.</p> <p>January 24, 2013- As of spring 2014, project design is nearly complete and construction is slated to begin in summer 2014. Project completion is expected in fall/winter 2014.</p>	

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/24/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 07/09/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2015
Amendment	Grant Agreement	Bassett Creek WMC-2012
WES - stability thresholds.pdf	Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)
WES streambank stabilization handbook.pdf	Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)

Document Name	Document Type	Description
grant_app_general-added.rpt	Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)
grant_app_general.rpt	Grant	2012 - Clean Water Assistance - Bassett Creek WMO (WMO)