



Grant All-Detail Report 2012 - Clean Water Assistance

Grant Title - 2013 - Clean Water Assistance - Olmsted (COUNTY)

Grant ID - C13-5474

Organization - Olmsted County

Grant Awarded Amount	\$575,540.00	Grant Execution Date	
Required Match Amount	\$143,885.00	Grant End Date	1/1/2020
Required Match %	25%	Grant Day To Day Contact	Skip Langer

Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$575,540.00	\$575,540.00	\$0.00
Total Match Amount	\$271,000.00	\$356,744.77	\$-85,744.77
Total Other Funds	\$120,000.00	\$200,000.00	\$-80,000.00
Total	\$966,540.00	\$1,132,284.77	\$-165,744.77

**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
2013 - Clean Water Assistance - CWA - technical & engineering	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)	\$34,928.50	\$34,928.50	12/18/2014	N
SWCD inkind	Administration /Coordination	Local Fund	swcd staff time	\$20,000.00	\$59,461.43	10/31/2016	Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Match
South Branch of Cascade Creek - retention structure #1	Urban Stormwater Management Practices	Current State Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)	\$149,072.50	\$149,072.50	3/9/2015	N
South Branch of Cascade Creek - retention structure #1	Urban Stormwater Management Practices	Local Fund	2013 Inkind match other govt	\$110,000.00	\$110,000.00	3/6/2015	Y
South Branch of Cascade Creek - retention structure #2	Urban Stormwater Management Practices	Current State Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)	\$53,903.00	\$53,903.00	4/6/2015	N
South Branch of Cascade Creek - retention structure #2	Urban Stormwater Management Practices	Local Fund	2013 Inkind match other govt	\$110,000.00	\$111,227.37	3/18/2015	Y
South Branch of Cascade Creek - streambank	Streambank or Shoreline Protection	Current State Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)	\$337,636.00	\$337,636.00	9/15/2016	N
South Branch of Cascade Creek - streambank	Streambank or Shoreline Protection	Local Fund	2013 Inkind match other govt	\$30,000.00	\$29,630.47	9/16/2016	Y
South Branch of Cascade Creek - streambank	Streambank or Shoreline Protection	Other Funds	Using Wetland Creation and Natural Stream Channel Restoratio..	\$120,000.00	\$200,000.00	9/16/2016	N
Stream Channel Restoration	Technical/Engineering Assistance	Other State funds not in eLINK	DNR technical assistance - Inkind match	\$1,000.00	\$46,425.50	6/28/2016	Y

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Proposed Size / Unit	Actual Size / Unit
584 - Stream Channel Stabilization	1	2	8000 LINEAR FEET	8000 LINEAR FEET
155M - Storm Water Retention Basins	2	2	2 COUNT	2 COUNT
155M - Storm Water Retention Basins	1	1	1 COUNT	1 COUNT

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
SEDIMENT (TSS)	2,006.00	TONS/YR
PHOSPHORUS (EST. REDUCTION)	4,080.00	LBS/YR

Grant Activity

Grant Activity - 2013 - Clean Water Assistance - CWA - technical & engineering

Description	<p>This project consists of two components:</p> <p>1) The streambank restoration engineering, design and construction management will be provided by the Dept of Natural Resources stream habitat program (SHP) group. This portion of the project will be led by Ian Chisholm and Nick Proulx, DNR. This team works on many of these types of restoration projects annually and will have professional engineering staff sign off.</p> <p>2) The wetland retention basins on Tweite and Goemaat properties will be engineered for flood attenuation, sediment storage and habitat enhancement. An RFP process will be utilized to hire an engineering firm for the survey, design and construction oversight for these projects.</p>		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	13-Apr-14	End Date	31-Dec-15
Has Rates and Hours?	No		
Actual Results	<p>01/23/13 - To date, project planning underway.</p> <p>1) The streambank restoration to be completed by MNDNR, Stream Habitat Program staff. Conceptual design is complete. Work on the drainage easement acquisition is underway between the partner group and the landowner. Official agreement is drafted by County attorneys office. The next step in late January 2013, will send the agreement to landowner for review and approval. The DNR is continuing its work to finalize design on streambank restoration. A public meeting to display the final plan will take place in late spring 2013. The construction on this portion of the project is slated for fall 2013 with all approvals in place.</p> <p>2) Landowner meeting on both wetland retention sites 1 and 2 have taken place over the fall and winter 2012 to further explain the project and need for easement acquisition for construction, future maintenance and monitoring. A right of entry agreement is being prepared by the Olmsted County attorneys office and will be ready for landowner signatures this spring. In the meantime, the drainage easements for the County will also be prepared for review and landowner signatures. Site visits by DNR and County staff to look at stream and sites have happened. Both sites will need to have the wetlands delineated so potential impacts during construction can be sequenced and minimized prior to project start. An RFP will be created to allow for a bidding process on the engineering, design and construction on each site.</p> <p>01/20/17 - Rochester firm WHKS was hired as the engineering consultant and provided the engineered designs for the construction of three wetland retention basins in the So Br Cascade Creek watershed (2 on the Tweite site, 1 on the Goemaat site). The final construction plan sets were made available to contractors through Franz Reprographics and the Olmsted County website to start the bidding process. Future construction staking and inspection services were completed by County and SWCD staff.</p>		

Grant Activity - SWCD inkind

Description	SWCD inkind - project coordination, technical assistance, development, administration, construction oversight, financial oversight, reporting, record keeping.		
Category	ADMINISTRATION/COORDINATION		
Start Date	13-Apr-15	End Date	30-Dec-16
Has Rates and Hours?	No		
Actual Results	<p>01/20/17 - The Olmsted SWCD has provided an enormous amount of inkind staff time to this project without compensation due to higher implementation costs than were originally estimated. Staff has shown tremendous dedication and commitment to resolving water quality issues and seeing this project through to fruition. Services provided to project include project management, meeting coordination, public and agency updates, construction inspection, surveying, GIS services, grant fiscal management, plan reviews, plan updates, erosion control inspection, grant reporting.</p> <p>SWCD Staff Services:</p> <p>2014: Langer \$55.62 @ 301 hr= \$16,741.62; Whitaker \$64.97 @ 4 hr=\$259.88.</p> <p>2015: Langer \$65.61 @ 362.25 hr =\$23,767.22, Langer \$63.42 @ 32 hr=\$2,029.44; Miller \$57.66 @ 1.5 hr =\$86.49, Miller \$55.47 @ .5 hr =\$27.74 ; Bennett \$48.69 @ 5 hr= \$243.45; \$46.50 @ 1.5 hr=\$69.75.</p> <p>2016: Langer \$67.16 @ 191.25 hr = \$12,844.35; Bennett \$49.84 @ 57.5 hr =\$2,865.80; White \$38.07 @ 10 hr=\$380.70; Miller \$58.00 @ 2.5 hr= \$145.00</p>		

Grant Activity - South Branch of Cascade Creek - retention structure #1

Description	retention structure #1 Tweite site (S 1/2 T107N.R15W.sect. 31)		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	12-Jan-15	End Date	10-Jul-15
Has Rates and Hours?	No		
Actual Results	<p>01/23/13 - On-site meeting with this landowner to explain project, need for easement, timeline, etc. Right of entry and easement agreement will be developed in late winter/early spring for landowner signatures. Wetland delineation will need to be done in spring 2013. Develop RFP for engineering services.</p> <p>2014-all permitting acquired for the wetland retention basin construction. Olmsted County places engineered plan set out on website for contractors to bid on. Dec 2014, Olmsted Co Brd awards Veit Co bid for project construction. Veit Co starts project week of January 14, 2015 and works under frozen conditions to excavate and shape wetland retention basins onsite. Seeding and mulching complete by subcontractor Cardno by March 15, 2015. Site begins to green up as warmer spring weather arrives. May 2015, Veit Co repairs some damage from spring run-off to basin inlets. Those areas reseeded and restoration continues to establish vegetation. Subsequent project evaluations during growing season show that species diversity is good, vegetation continues to establish and basins are functioning as designed and intended.</p>		

Activity Action - Legacy Migrated Data			
Practice	155M - Storm Water Retention Basins	Count of Activities	2
Description	off line wetland retention basins		
Proposed Size / Units	2.00 COUNT	Lifespan	25 Years
Actual Size/Units	2.00 COUNT	Installed Date	13-Oct-15
Mapped Activities	2 Point(s)		

Final Indicator for Legacy Migrated Data			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	2400
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	So Br Cascade Creek		
Final Indicator for Legacy Migrated Data			
Indicator Name	SEDIMENT (TSS)	Value	860
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	So Br Cascade Creek		

Grant Activity - South Branch of Cascade Creek - retention structure #2

Description	retention structure #2 Goemaat site (NE1/4 T106N.R15W.sect. 9)		
Category	URBAN STORMWATER MANAGEMENT PRACTICES		
Start Date	16-Feb-15	End Date	15-Jul-15
Has Rates and Hours?	No		
Actual Results	<p>01/23/13 - On-site meeting with this landowner to explain project, need for easement, timeline, etc. Right of entry and easement agreement will be developed in late winter/early spring for landowner signatures. Wetland delineation will need to be done in spring 2013. Develop RFP for engineering services.</p> <p>2014-all permitting acquired for the wetland retention basin construction. Olmsted County places engineered plan set out on website for contractors to bid on. Dec 2014, Olmsted Co Brd awards Veit Co bid for project construction. Veit Co starts project week of January 14, 2015 at Tweites and moves to Goemaat site on Feb 16, 2015. Frozen conditions persist allowing for continued wetland excavation and shaping of the basin onsite. Seeding and mulching complete by subcontractor Cardno by March 31, 2015. Site begins to green up as warmer spring weather arrives. May 2015, Veit Co repairs some damage from spring run-off to the inlet on this basin as well. Those areas are reseeded and restoration continues to establish and stabilize. Subsequent project onsite staff evaluations show that species diversity is good, vegetation continues to establish, shoreland birds observed onsite and basins are functioning as designed and intended.</p>		

Activity Action - Legacy Migrated Data			
Practice	155M - Storm Water Retention Basins	Count of Activities	1
Description	Off line Wetland Retention Basin		
Proposed Size / Units	1.00 COUNT	Lifespan	25 Years
Actual Size/Units	1.00 COUNT	Installed Date	13-Oct-15
Mapped Activities	1 Point(s)		

Final Indicator for Legacy Migrated Data			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1680
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	Other
Waterbody	So Br Cascade		

Final Indicator for Legacy Migrated Data			
Indicator Name	SEDIMENT (TSS)	Value	602

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	So Br Cascade		

Grant Activity - South Branch of Cascade Creek -streambank			
Description	4700' streambank restoration o proposed on South Branch of Cascade Creek (N 1/2 T106N.R14W.sect 5)		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	23-May-16	End Date	30-Sep-16
Has Rates and Hours?	No		
Actual Results	<p>01/23/13 - Conceptual design completed by the DNR Stream Habitat Program staff. Final design in the works for summer 2013. Project partners working on final details for drainage easement on the former golf course property for landowner review and approval.</p> <p>Drainage easement obtained from golf course owner on 4/21/14 for \$25,000. Easement consists of 38.95 acres, held by Olmsted County. The City will become future fee title owner.</p> <p>Fall 2015 - DNR finalizes project engineered plan set and County prepares to go out for bids.</p> <p>March 22, 2016-Olmsted Co Brd awards Fitzgerald Excavating the stream channel and floodplain restoration phase of the project. Due to higher than projected implementation costs it is decided by project partners to place construction of 5 wetland basins, the prairie upland seeding and city sewer line installation as alternate bid items for the project. Earthwork starts on floodplain and channel work on May 23, 2016 and is approximately 85% complete as of December 30, 2016. The funding from this grant (C13-5474) was expended on or before September 30, 2016 at which point the expenditures submitted by Fitzgerald Exc move for payment to the CWF C15-2077 to complete. The City sewer line was installed and paid for by the the City of Rochester at no cost to the grant. A portion of the newly constructed stream is activated as the project has been seeded and mulched to establish vegetation and stabilize each stream reach in constructed phases. Support for the project from local partners and residents remains high. Completion is anticipated in Spring 2017. Additional grant funds have been sought to complete construction of 5 wetlands and the upland prairie seeding in 2017.</p>		

Activity Action - Legacy Migrated Data			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	Restoration of stream channel and floodplain through former meadow lakes golf course		
Proposed Size / Units	8,000.00 LINEAR FEET	Lifespan	In Perpetuity
Actual Size/Units	8,000.00 LINEAR FEET	Installed Date	31-Dec-16
Mapped Activities	2 Line(s)		

Final Indicator for Legacy Migrated Data

Indicator Name	SEDIMENT (TSS)	Value	544
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	Other
Waterbody	So Br Cascade Creek		

Grant Activity - Stream Channel Restoration

Description	Stream Channel Restoration		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jan-13	End Date	13-May-16
Has Rates and Hours?	No		
Actual Results	<p>MN-DNR staff from stream habitat group, engineering and the clean water specialist provided technical assistance, surveying, hydraulic modeling, natural stream channel engineering design, public meeting presentations, and education and outreach.</p> <p>Inkind staff support exceeds \$1000 commitment.</p>		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/30/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/28/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/02/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/19/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/26/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/16/2015
Amendment	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Budget Revision spreadsheet	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
EAW Draft	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
EAW Figures	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
EAW Findings of Fact	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Extension Request	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Financial Report	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Notes-Julie Krebs-10-21-13	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)

Document Name	Document Type	Description
Nov. 21, 2013 Site Visit	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Progress Repor 6-17-14	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Project Update 10-2-14	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Revised Budget email	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
SWCD Project Summary	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Update 1-30-15	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
Updates July 25, 2014	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
bid schedules 7/11/14	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
grant_app_general-added.rpt	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)
grant_app_general.rpt	Grant	2013 - Clean Water Assistance - Olmsted (COUNTY)