



Grant All-Detail Report Disaster Relief 2012

Grant Title - 2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)

Grant ID - P12-8158

Organization - St Louis, South SWCD

Grant Awarded Amount	\$1,561,175.00	Grant Execution Date	8/8/2013
Required Match Amount	\$0.00	Grant End Date	12/31/2015
Required Match %	0%	Grant Day To Day Contact	R.C. Boheim

Budget Summary

	Budgeted	Spent	Balance Remaining
Total Grant Amount	\$1,296,488.00	\$354,983.12	\$941,504.88
Total Match Amount			\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
Total	\$1,296,488.00	\$354,983.12	\$941,504.88

Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
Engineering and Technical Assistance SWCD	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$20,000.00	\$19,795.50	12/21/2013	N
SSL-001 Adolfson	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$6,670.00	\$6,670.00	5/15/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-004 anderson	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,000.00	\$1,000.00	7/17/2013	N
SSL-009 Barowitz	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$497.00	\$497.00	10/10/2013	N
SSL-010 Beaulier	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$3,640.00	\$3,640.00	11/20/2013	N
SSL-012 Bergal	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$8,889.00	\$8,889.00	11/14/2013	N
SSL-015 Botten	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$200.00	\$200.00	5/15/2013	N
SSL-022 Conway	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$6,250.00	\$1,250.00	10/10/2013	N
SSL-023 Cottingham	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$12,500.00	\$46.00	10/10/2013	N
SSL-024 Dahl	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$26,089.00	\$26,089.00	5/15/2013	N
SSL-025 Dakovic	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$14,867.00	\$14,867.00	10/16/2013	N
SSL-027 Egger	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$26,250.00	\$747.50	10/10/2013	N
SSL-031 Gafner and SSL-020 Carter, Marion	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$62,500.00	\$8,157.50	10/10/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-037 Hashey and SSL_054 Lindgren	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$375,000.00			N
SSL-039 Hills	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$6,930.00	\$6,930.00	12/18/2013	N
SSL-040 Hope Methodist	Agricultural Practices	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$6,250.00	\$1,250.00	10/10/2013	N
SSL-042 Johnson	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$2,900.00	\$2,900.00	5/15/2013	N
SSL-044 Dorthy Johnson	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$187,500.00	\$12,097.00	12/10/2013	N
SSL-048 John Lane	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$187,500.00	\$187,500.00	12/18/2013	N
SSL-050 Langley	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$591.00	\$591.00	8/21/2013	N
SSL-053 Levinski	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$9,000.00	\$8,782.50	10/10/2013	N
SSL-064 Neimi	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$125,000.00	\$11,888.12	9/10/2013	N
SSL-067 Northstar Baptist	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,045.00	\$5,045.00	5/15/2013	N
SSL-073 Putzke	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$3,905.00	\$3,905.00	5/15/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-074 Rayway et al	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$20,000.00	\$4,000.00	10/10/2013	N
SSL-079 Sieving	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$50,000.00			N
SSL-080 Sipes	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$37,500.00	\$3,263.00	10/10/2013	N
SSL-081 Skogland / MN Power	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$37,500.00	\$965.00	10/10/2013	N
SSL-082 Sowl	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$38,750.00	\$253.00	10/10/2013	N
SSL-086 Tokarczyk	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$13,765.00	\$13,765.00	12/18/2013	N

Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
580 - Streambank and Shoreline Protection	1	1	80 LINEAR FEET
560 - Access Road	1	1	75 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	40 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	125 LINEAR FEET
584 - Stream Channel Stabilization	2	2	50 LINEAR FEET
148M - Erosion Control	1	1	0 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	90 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	50 LINEAR FEET
580 - Streambank and Shoreline Protection	1	2	120 LINEAR FEET

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
584 - Stream Channel Stabilization	1	1	30 LINEAR FEET
580 - Streambank and Shoreline Protection	3	1	100 LINEAR FEET
148M - Erosion Control	1	1	0.1 AC

Indicators Summary

Indicator Name	Total Value	Unit
BOD 5	52.5	LBS/YR
SEDIMENT (TSS)	688.75	TONS/YR
SOIL (EST. SAVINGS)	636.25	TONS/YR
PHOSPHORUS (EST. REDUCTION)	720.8	LBS/YR

Grant Activity

Grant Activity - Engineering and Technical Assistance SWCD

Description	SWCD staff time		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-001 Adolfson

Description	SSL 001 Adolfson		
Category	SPECIAL PROJECTS		
Start Date	1-Apr-13	End Date	01-Aug-13
Rates and Hours			
Actual Results			

Activity Action - septic repair			
Practice	148M - Erosion Control	Count of Activities	1
Description			
Proposed Size / Units	0.1 AC	Lifespan	10 Years
Actual Size/Units	0.1 AC	Installed Date	12-Jul-12
Final Indicator for septic repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	52.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lester River		
Final Indicator for septic repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	60.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lester River		
Final Indicator for septic repair			
Indicator Name	SEDIMENT (TSS)	Value	52.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lester river		

Grant Activity - SSL-004 anderson			
Description	SSL-004 anderson		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	01-Aug-13
Rates and Hours			
Actual Results			

Activity Action - road repair			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	100 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100 LINEAR FEET	Installed Date	17-Jul-13
Final Indicator for road repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	21.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		
Final Indicator for road repair			
Indicator Name	SEDIMENT (TSS)	Value	21.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		
Final Indicator for road repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	24.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Grant Activity - SSL-009 Barowitz			
Description	SSL-009 Barowitz		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	01-Nov-13
Rates and Hours			
Actual Results			

Grant Activity - SSL-010 Beaulier			
Description	SSL-010 Beaulier		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Activity Action - stream project			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	40 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	40 LINEAR FEET	Installed Date	20-Nov-13
Final Indicator for stream project			
Indicator Name	SEDIMENT (TSS)	Value	8.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		
Final Indicator for stream project			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.40
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		
Final Indicator for stream project			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	9.66
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		

Grant Activity - SSL-012 Bergal			
Description	SSL-012 Bergal Construction and Engineering-Technical. TSA did design.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	gully re-shaped, cross vanes installed, vegetated floodplain established.		

Activity Action - Gully Restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	gully was re-shaped and restored with cross vanes and vegetation		
Proposed Size / Units	100 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	100 LINEAR FEET	Installed Date	1-Aug-13

Grant Activity - SSL-015 Botten			
Description	SSL-015 Botten		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	01-Oct-13
Rates and Hours			
Actual Results			

Activity Action - road repair			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	50 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50 LINEAR FEET	Installed Date	21-Jun-12

Final Indicator for road repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1.21
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Final Indicator for road repair			
Indicator Name	SEDIMENT (TSS)	Value	1.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		
Final Indicator for road repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	1.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Midway River		

Grant Activity - SSL-022 Conway			
Description	SSL-022 Conway		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-023 Cottingham			
Description	SSL-023 Cottingham		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-024 Dahl			
Description	SSL - 024 Dahl		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Mar-13	End Date	01-Aug-13
Rates and Hours			
Actual Results			

Activity Action - ssl 024 practice			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description			
Proposed Size / Units	30 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	30 LINEAR FEET	Installed Date	1-Aug-12
Final Indicator for ssl 024 practice			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	14.49
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Keene Creek		
Final Indicator for ssl 024 practice			
Indicator Name	SEDIMENT (TSS)	Value	12.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Keene Creek		
Final Indicator for ssl 024 practice			
Indicator Name	SOIL (EST. SAVINGS)	Value	12.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Keene Creek		

Grant Activity - SSL-025 Dakovic			
Description	SSL-025 Dakovic		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Nov-13
Rates and Hours			
Actual Results			

Activity Action - stream project

Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	125 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	125 LINEAR FEET	Installed Date	16-Oct-13

Final Indicator for stream project

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	30.19
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Miller Creek		

Final Indicator for stream project

Indicator Name	SEDIMENT (TSS)	Value	26.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Miller Creek		

Final Indicator for stream project

Indicator Name	SOIL (EST. SAVINGS)	Value	26.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Miller Creek		

Grant Activity - SSL-027 Egger

Description	SSL-027 Egger		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-031 Gafner and SSL-020 Carter, Marion

Description	SSL-031 Gafner and SSL-020 Carter, Marion	
	TSA is doing design.	
	Merritt Creek.	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-Apr-13	End Date
Rates and Hours		
Actual Results	Design complete. DNR permits applied for. FEMA modeling needed. Carter will be a separate design.	

Grant Activity - SSL-037 Hashey and SSL_054 Lindgren

Description	SSL-037 Hashey and SSL_054 Lindgren	
	TSA will do design (Engineering amt is \$75,000).	
	French River	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-May-13	End Date
Rates and Hours		
Actual Results		

Grant Activity - SSL-039 Hills

Description	SSL-039 Hills	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-Jul-13	End Date
		18-Dec-13
Rates and Hours		
Actual Results		

Activity Action - ssl 039			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	80 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	80 LINEAR FEET	Installed Date	18-Dec-13

Final Indicator for ssl 039			
Indicator Name	SOIL (EST. SAVINGS)	Value	9.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Oregon Creek		

Final Indicator for ssl 039			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.87
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Oregon Creek		

Final Indicator for ssl 039			
Indicator Name	SEDIMENT (TSS)	Value	9.45
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Oregon Creek		

Grant Activity - SSL-040 Hope Methodist			
Description	SSL-040 Hope Methodist		
Category	AGRICULTURAL PRACTICES		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-042 Johnson			
Description	SSL-042 Johnson		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Aug-13
Rates and Hours			
Actual Results			

Activity Action - SSL-042 practice			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	90 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	90 LINEAR FEET	Installed Date	15-May-13
Final Indicator for SSL-042 practice			
Indicator Name	SEDIMENT (TSS)	Value	25.20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		
Final Indicator for SSL-042 practice			
Indicator Name	SOIL (EST. SAVINGS)	Value	25.20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		
Final Indicator for SSL-042 practice			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	28.98
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		

Grant Activity - SSL-044 Dorthy Johnson

Description	SSL-044 Dorthy Johnson		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-048 John Lane

Description	SSL - 048 John Lane		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Nov-13
Rates and Hours			
Actual Results			

Activity Action - new sheet piling

Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	120 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	120 LINEAR FEET	Installed Date	4-Oct-13

Final Indicator for new sheet piling

Indicator Name	SOIL (EST. SAVINGS)	Value	237.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis Bay		

Final Indicator for new sheet piling

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	201.96
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis Bay		

Final Indicator for new sheet piling

Indicator Name	SEDIMENT (TSS)	Value	237.6
-----------------------	----------------	--------------	-------

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis Bay		

Grant Activity - SSL-050 Langley			
Description	SSL-050		
Category	SPECIAL PROJECTS		
Start Date	1-May-13	End Date	30-Sep-13
Rates and Hours			
Actual Results			

Activity Action - driveway repair			
Practice	560 - Access Road	Count of Activities	1
Description			
Proposed Size / Units	75 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	75 LINEAR FEET	Installed Date	13-Jun-13

Final Indicator for driveway repair			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	24.15
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Twin Lake		

Final Indicator for driveway repair			
Indicator Name	SEDIMENT (TSS)	Value	21.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Twin Lake		

Final Indicator for driveway repair			
Indicator Name	SOIL (EST. SAVINGS)	Value	21.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Twin Lake		

Grant Activity - SSL-053 Levinski			
Description	SSL-053		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Activity Action - SSL - 053 Levinski			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description			
Proposed Size / Units	100 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100 LINEAR FEET	Installed Date	10-Sep-13

Final Indicator for SSL - 053 Levinski			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	60.38
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		

Final Indicator for SSL - 053 Levinski			
Indicator Name	SEDIMENT (TSS)	Value	52.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		

Final Indicator for SSL - 053 Levinski			
Indicator Name	BOD 5	Value	52.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Morgan Park Creek		

Grant Activity - SSL-064 Neimi			
Description	SSL -064 Neimi		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-067 Northstar Baptist			
Description	SSL-067 Northstar Baptist		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Jul-13
Rates and Hours			
Actual Results			

Activity Action - SSL_067 Northstar			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	repair driveway		
Proposed Size / Units	50 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50 LINEAR FEET	Installed Date	11-Sep-12

Final Indicator for SSL_067 Northstar			
Indicator Name	SOIL (EST. SAVINGS)	Value	70.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	coffee creek		

Final Indicator for SSL_067 Northstar			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	80.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Coffee Creek		

Final Indicator for SSL_067 Northstar			
Indicator Name	SEDIMENT (TSS)	Value	70.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)

Waterbody	Coffee Creek
------------------	--------------

Grant Activity - SSL-073 Putzke

Description	SSL-073 Putzke		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jul-12	End Date	09-Jul-12
Rates and Hours			
Actual Results	fix driveway by installing two culverts		

Activity Action - SSL-073 Putzke

Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	repair driveway		
Proposed Size / Units	50 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50 LINEAR FEET	Installed Date	9-Jul-12

Final Indicator for SSL-073 Putzke

Indicator Name	SOIL (EST. SAVINGS)	Value	11.20
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Amity Creek		

Final Indicator for SSL-073 Putzke

Indicator Name	SEDIMENT (TSS)	Value	11.2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Amity Creek		

Final Indicator for SSL-073 Putzke

Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	12.88
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Amity Creek		

Grant Activity - SSL-074 Rayway et al

Description	SSL-074 Rayway et al		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-079 Sieving

Description	SSL-079 Sieving TSA doing design 10K for engineering Whiteface River		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jun-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-080 Sipes

Description	SSL-080 Sipes		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-081 Skogland / MN Power

Description	SSL-081 Skogland / MN Power TSA is doing design Boulder Lake Skoglands lease land from MN Power. Contract will be with the latter.		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-082 Sowl

Description	SSL-082 Sowl		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-086 Tokarczyk

Description	SSL-086 Tokarczyk		
Category	SPECIAL PROJECTS		
Start Date	22-Nov-13	End Date	26-Nov-13
Rates and Hours			
Actual Results	Completed slope stabilization project		

Activity Action - slope stabilization

Practice	148M - Erosion Control	Count of Activities	1
Description			
Proposed Size / Units	80 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	LINEAR FEET	Installed Date	26-Nov-13
Final Indicator for slope stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	161.0

Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		
Final Indicator for slope stabilization			
Indicator Name	SEDIMENT (TSS)	Value	140.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		
Final Indicator for slope stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	140.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	St. Louis River		

Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2014
Sieving_design	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
Voucher_Board_Bergal_Payment	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
site design for bergal	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)