



## 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

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

### Budget Summary

	Budgeted	Spent	Balance Remaining*
Total Grant Amount	\$1,422,430.00	\$935,763.22	\$625,411.78
Total Match Amount			\$0.00
Total Other Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,422,430.00</b>	<b>\$935,763.22</b>	<b>\$625,411.78</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
SSL-001 Adolfson Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$6,700.00	\$6,670.00	5/15/2013	N
SSL-001 Adolfson Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,675.00	\$82.00	12/21/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-004 Anderson Construction	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-004 Anderson Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$250.00	\$164.00	12/21/2013	N
SSL-005 Applewick Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$2,500.00	\$2,500.00	1/27/2015	N
SSL-005 Applewick Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$625.00	\$360.00	12/31/2014	N
SSL-009 Barowitz Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,500.00	\$1,244.00	12/21/2013	N
SSL-010 Beaulier Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00	\$3,640.00	11/20/2013	N
SSL-010 Beaulier Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,250.00	\$348.00	12/21/2013	N
SSL-012 Bergal Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$7,639.00	\$7,639.00	11/14/2013	N
SSL-012 Bergal Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,250.00	\$2,018.00	12/21/2013	N
SSL-013 Bergson Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$500.00			N
SSL-013 Bergson Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$125.00	\$58.00	12/21/2013	N
SSL-015 Botten Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$200.00	\$200.00	5/15/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-015 Botten Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$50.00	\$41.00	12/21/2013	N
SSL-019 Carter Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$2,000.00	\$13,740.00	7/18/2014	N
SSL-019 Carter Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$500.00	\$405.00	12/31/2014	N
SSL-022 Conway Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$10,000.00	\$8,031.00	10/2/2014	N
SSL-022 Conway Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$3,000.00	\$2,961.00	12/31/2014	N
SSL-023 Cottingham Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$0.00	\$46.00	10/10/2013	N
SSL-024 Dahl Construction	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-024 Dahl Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00	\$82.00	12/21/2013	N
SSL-025 Dakovic Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$15,000.00	\$14,867.00	10/16/2013	N
SSL-025 Dakovic Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$3,750.00	\$348.00	12/21/2013	N
SSL-027 Carlette Baker (Egger) Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$21,000.00	\$10,570.55	11/25/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-027 Carlette Baker (Egger) Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,250.00	\$6,904.50	12/31/2014	N
SSL-031 Gafner and SSL-020 Carter (City of Duluth) Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$50,000.00	\$45,103.64	7/15/2015	N
SSL-031 Gafner and SSL-020 Carter (City of Duluth) Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$12,500.00	\$27,156.93	1/7/2016	N
SSL-034 Hampton Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$50,000.00	\$45,526.09	6/30/2015	N
SSL-034 Hampton Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$12,500.00	\$11,749.96	12/31/2015	N
SSL-037 Hashey and SSL-054 Lindgren Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$300,000.00	\$167,665.48	11/24/2015	N
SSL-037 Hashey and SSL-054 Lindgren Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$75,000.00	\$56,784.32	12/31/2015	N
SSL-039 Hills Construction	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-039 Hills Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,000.00	\$406.00	12/21/2013	N
SSL-040 Hope Methodist Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00	\$19,121.24	11/25/2014	N
SSL-040 Hope Methodist Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,250.00	\$5,186.00	12/31/2014	N
SSL-042 Johnson Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$3,000.00	\$2,900.00	5/15/2013	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-042 Johnson Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$750.00	\$174.00	12/21/2013	N
SSL-044 Dorothy Johnson Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$150,000.00			N
SSL-044 Dorthy Johnson Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$37,500.00	\$26,132.70	12/31/2015	N
SSL-046 Knighton Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$50,000.00	\$51,247.06	9/18/2015	N
SSL-046 Knighton Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$12,500.00	\$4,702.16	12/31/2015	N
SSL-048 John Lane Construction	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-048 John Lane Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$928.00	\$928.00	12/21/2013	N
SSL-050 Langley Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$591.00	\$591.00	8/21/2013	N
SSL-050 Langley Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$232.00	\$232.00	12/21/2013	N
SSL-053 Levinski Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$10,000.00	\$8,662.50	8/26/2014	N
SSL-053 Levinski Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$2,500.00	\$1,920.00	12/31/2014	N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-064 Neimi Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$100,000.00	\$50,038.83	7/16/2015	N
SSL-064 Neimi Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$25,000.00	\$31,312.27	12/31/2015	N
SSL-066 North Shore School Construction	Special Projects	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$0.00			N
SSL-066 North Shore School Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$250.00	\$20.50	12/21/2013	N
SSL-067 Northstar Baptist Construction	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-067 Northstar Baptist Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$41.00	\$41.00	12/21/2013	N
SSL-073 Putzke Construction	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
SSL-073 Putzke Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$82.00	\$82.00	12/21/2013	N
SSL-074 Rayway & SSL-076 Rutford Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$16,000.00	\$520.00	6/3/2014	N
SSL-074 Rayway & SSL-076 Rutford Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$7,000.00	\$21,392.73	1/7/2016	N
SSL-077 Sams Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$0.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-077 Sams Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$58.00	\$58.00	12/21/2013	N
SSL-079 Sieving Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$40,000.00	\$9,912.68	11/24/2015	N
SSL-079 Sieving Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$10,000.00	\$7,872.99	1/7/2016	N
SSL-080 Sipes Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$30,000.00			N
SSL-080 Sipes Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$7,500.00	\$5,827.90	1/7/2016	N
SSL-081 Skogland / MN Power Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$15,000.00			N
SSL-081 Skogland / MN Power Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00	\$1,349.00	12/21/2013	N
SSL-082 Sowl Construction 2	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$31,000.00			N
SSL-082 Sowl Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$7,750.00	\$2,891.19	12/31/2015	N
SSL-086 Tokarczyk Construction	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
SSL-086 Tokarczyk Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,000.00	\$812.00	12/21/2013	N



Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
SSL-087 Vik Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00			N
SSL-087 Vik Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,250.00	\$58.00	12/21/2013	N
SSL-091 Zywicki Construction	Streambank or Shoreline Protection	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$5,000.00			N
SSL-091 Zywicki Technical-Engineering	Technical/Engineering Assistance	Current State Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout..	\$1,250.00	\$232.00	12/21/2013	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
580 - Streambank and Shoreline Protection	1	1	195.00 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	300.00 LINEAR FEET
580 - Streambank and Shoreline Protection	2	1	200.00 LINEAR FEET
580 - Streambank and Shoreline Protection	2	1	80.00 LINEAR FEET
560 - Access Road	1	1	75.00 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	40.00 LINEAR FEET
580 - Streambank and Shoreline Protection	3	1	125.00 LINEAR FEET
126M - Septic System Improvement	1	1	0.07 AC
584 - Stream Channel Stabilization	2	2	50.00 LINEAR FEET
584 - Stream Channel Stabilization	1	1	300.00 LINEAR FEET
148M - Erosion Control	1	1	80.00 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	545.00 LINEAR FEET
580 - Streambank and Shoreline Protection	1	1	90.00 LINEAR FEET
580 - Streambank and Shoreline Protection	2	1	50.00 LINEAR FEET



Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
580 - Streambank and Shoreline Protection	2	3	120.00 LINEAR FEET
584 - Stream Channel Stabilization	1	1	30.00 LINEAR FEET
580 - Streambank and Shoreline Protection	4	1	100.00 LINEAR FEET
148M - Erosion Control	1	1	0.10 AC

### Indicators Summary

Indicator Name	Total Value	Unit
<b>BOD 5</b>	52.50	LBS/YR
<b>SOIL (EST. SAVINGS)</b>	2,472.70	TONS/YR
<b>SEDIMENT (TSS)</b>	2,493.25	TONS/YR
<b>Total Suspended Solids (TSS)</b>	1.05	Mg/L
<b>PHOSPHORUS (EST. REDUCTION)</b>	2,793.68	LBS/YR

### Grant Activity

Grant Activity - SSL-001 Adolfson Construction			
Description	SSL 001 Adolfson		
Category	SPECIAL PROJECTS		
Start Date	1-Apr-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	Repaired damage to septic caused by erosion from flood.		

Activity Action - Eroded mound for septic repaired			
Practice	148M - Erosion Control	Count of Activities	1
Description			
Proposed Size / Units	0 AC	Lifespan	10 Years
Actual Size/Units	0 AC	Installed Date	12-Jul-12
Final Indicator for Eroded mound for septic repaired			
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		
Final Indicator for Eroded mound for septic repaired			
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 Eroded mound for septic repaired			
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		

Grant Activity - SSL-001 Adolfson Technical-Engineering			
Description	SSL-001 Adolfson Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	tech assistance		

Grant Activity - SSL-004 Anderson Construction			
Description	SSL-004 Anderson		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-May-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	Flood recovery - driveway repair		

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	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	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	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-004 Anderson Technical-Engineering			
Description	SSL-004 Anderson Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	Flood recovery - driveway repair		

Grant Activity - SSL-005 Applewick Construction			
Description	SSL-005 Applewick Construction		
Category	SPECIAL PROJECTS		
Start Date	4-Jan-14	End Date	21-Jan-14
Rates and Hours			
Actual Results	Stabilized failed septic system.		

Activity Action - septic abandonment			
Practice	126M - Septic System Improvement	Count of Activities	1
Description	abandonment failed septic system and connected to city sewer		
Proposed Size / Units	0 AC	Lifespan	In Perpetuity
Actual Size/Units	0 AC	Installed Date	27-Jan-14
Final Indicator for septic abandonment			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	120.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Keene Creek		
Final Indicator for septic abandonment			
Indicator Name	SOIL (EST. SAVINGS)	Value	105.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Keene		

<b>Final Indicator for septic abandonment</b>			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	105.00
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Keene Creek		

<b>Grant Activity - SSL-005 Applewick Technical-Engineering</b>			
<b>Description</b>	SSL-005 Applewick Technical-Engineering		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	21-Dec-13	<b>End Date</b>	21-Jan-14
<b>Rates and Hours</b>			
<b>Actual Results</b>	landowner visit/consultation		

<b>Grant Activity - SSL-009 Barowitz Technical-Engineering</b>			
<b>Description</b>	SSL-009 Barowitz		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Apr-13	<b>End Date</b>	01-Nov-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	Plans completed. Construction cancelled.  Someone, unknown to the landowner, replaced the culvert in question with no assistance from the SWCD.		

<b>Grant Activity - SSL-010 Beaulier Construction</b>			
<b>Description</b>	SSL-010 Beaulier		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	1-Apr-13	<b>End Date</b>	20-Nov-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	flood recovery - stream bank stabilization		

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	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	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	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-010 Beaulier Technical-Engineering			
Description	SSL-010 Beaulier Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	20-Nov-13
Rates and Hours			
Actual Results	flood recovery - stream bank stabilization		

Grant Activity - SSL-012 Bergal Construction			
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
Final Indicator for Gully Restoration			
Indicator Name	SEDIMENT (TSS)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	34th ave east crk.		

Grant Activity - SSL-012 Bergal Technical-Engineering			
Description	SSL-012 Bergal Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	31-Aug-13
Rates and Hours			
Actual Results	Provided engineering assistance.		



Grant Activity - SSL-013 Bergson Construction			
Description	SSL-013 Bergson Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date		End Date	
Rates and Hours			
Actual Results	Feb 1 2016: 2nd letter sent to LO asking if she wanted to participate in the program. No response. Cancellation is likely.		

Grant Activity - SSL-013 Bergson Technical-Engineering			
Description	SSL-013 Bergson Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	21-Dec-13	End Date	
Rates and Hours			
Actual Results	staff assistance		

Grant Activity - SSL-015 Botten Construction			
Description	SSL-015 Botten		
Category	SPECIAL PROJECTS		
Start Date	1-May-13	End Date	01-Oct-13
Rates and Hours			
Actual Results	Flood recovery - road repair		

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	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	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	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-015 Botten Technical-Engineering			
Description	SSL-015 Botten Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	01-Oct-13
Rates and Hours			
Actual Results	Flood recovery - road repair		

Grant Activity - SSL-019 Carter Construction			
Description	SSL-019 Carter Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	21-Dec-13	End Date	01-Aug-14
Rates and Hours			
Actual Results	repair of retaining wall damaged by flood. London Road.		

Activity Action - wall replacement			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	wall repair erosion control		
Proposed Size / Units	50 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	50 LINEAR FEET	Installed Date	18-Jul-14
Final Indicator for wall replacement			
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	Chester Creek		
Final Indicator for wall replacement			
Indicator Name	Total Suspended Solids (TSS)	Value	1.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) Mg/L	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chester Creek		
Final Indicator for wall replacement			
Indicator Name	SEDIMENT (TSS)	Value	1.05
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Chester Creek		

Grant Activity - SSL-019 Carter Technical-Engineering			
Description	SSL-019 Carter Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	21-Dec-13	End Date	01-Aug-14
Rates and Hours			
Actual Results	tech assistance		

Grant Activity - SSL-022 Conway Construction			
Description	SSL-022 Conway Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jun-13	End Date	17-Sep-14
Rates and Hours			
Actual Results	streambank stabilized		

Activity Action - flood recovery			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	streambank		
Proposed Size / Units	120 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	120 LINEAR FEET	Installed Date	2-Oct-14
Final Indicator for flood recovery			
Indicator Name	SEDIMENT (TSS)	Value	33.60
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	79th Ave West Creek		
Final Indicator for flood recovery			
Indicator Name	SOIL (EST. SAVINGS)	Value	33.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	79th Ave West Creek		

Final Indicator for flood recovery			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	38.64
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	79th Ave West Creek		

Grant Activity - SSL-022 Conway Technical-Engineering			
Description	SSL-022 Conway		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	17-Sep-14
Rates and Hours			
Actual Results	tech assistance		

Grant Activity - SSL-023 Cottingham Technical-Engineering			
Description	SSL-023 Cottingham		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	01-May-14
Rates and Hours			
Actual Results	Project cancelled. Landowner not interested.		

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

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	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	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	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-024 Dahl Technical-Engineering			
Description	SSL-024 Dahl Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	flood recovery - replace bridge and road		

Grant Activity - SSL-025 Dakovic Construction			
Description	SSL-025 Dakovic		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Nov-13
Rates and Hours			
Actual Results	flood recovery - stream stabilization and driveway repair		

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	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		
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		



Grant Activity - SSL-025 Dakovic Technical-Engineering			
Description	SSL-025 Dakovic Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	01-Nov-13
Rates and Hours			
Actual Results	flood recovery - stream stabilization and driveway repair		

Grant Activity - SSL-027 Carlette Baker (Egger) Construction			
Description	SSL-027 Carlette Baker (Egger) Construction		
Category	SPECIAL PROJECTS		
Start Date	1-Jul-13	End Date	01-Sep-14
Rates and Hours			
Actual Results	Tischer Crk - bank stabilization - bankfull bench, riparian planting, stream vane.		

Activity Action - Flood recovery			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	stream stabilization		
Proposed Size / Units	100 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	100 LINEAR FEET	Installed Date	25-Nov-14
Final Indicator for Flood recovery			
Indicator Name	SEDIMENT (TSS)	Value	8.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Tischer Creek		
Final Indicator for Flood recovery			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	10.06
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Tischer Creek		

Final Indicator for Flood recovery			
Indicator Name	SOIL (EST. SAVINGS)	Value	8.75
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Tischer Creek		

Grant Activity - SSL-027 Carlette Baker (Egger) Technical-Engineering			
Description	SSL-027 Egger		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	01-Sep-14
Rates and Hours			
Actual Results	Tischer Crk - bank stabilization - bankfull bench, riparian planting, stream vane.		

Grant Activity - SSL-031 Gafner and SSL-020 Carter (City of Duluth) Construction			
Description	SSL-031 Gafner and SSL-020 Carter (City of Duluth)		
Category	SPECIAL PROJECTS		
Start Date	1-Jul-13	End Date	03-Jul-15
Rates and Hours			
Actual Results	Construction was successfully completed in July 2015.		

Activity Action - Merritt Creek (Gafner / City of Duluth)			
Practice	584 - Stream Channel Stabilization	Count of Activities	1
Description	restoration of merritt creek after flooding		
Proposed Size / Units	300 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	300 LINEAR FEET	Installed Date	3-Jul-15
Final Indicator for Merritt Creek (Gafner / City of Duluth)			
Indicator Name	SEDIMENT (TSS)	Value	1
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	merritt creek		

Grant Activity - SSL-031 Gafner and SSL-020 Carter (City of Duluth) Technical-Engineering			
Description	SSL-031 Gafner and SSL-020 Carter, Marion (City of Duluth)		
	TSA is doing design.		
	Merritt Creek.		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	31-Jul-15
Rates and Hours			
Actual Results	Design is complete, permit is acquired. Construction slated for may/June of 2015.		
	Construction was successfully completed in July 2015.		

Grant Activity - SSL-034 Hampton Construction			
Description	SSL-034 Hampton Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	21-Dec-13	End Date	18-Aug-15
Rates and Hours			
Actual Results	Lake Superior Shoreline stabilization completed		

Activity Action - Lake Superior Shoreline stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Shoreline stabilization		
Proposed Size / Units	80 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	80 LINEAR FEET	Installed Date	29-May-15
Final Indicator for Lake Superior Shoreline stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	70.00
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH

			STABILIZATION)
<b>Waterbody</b>	Lake Superior		
Final Indicator for Lake Superior Shoreline stabilization			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	80.50
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Lake Superior		
Final Indicator for Lake Superior Shoreline stabilization			
<b>Indicator Name</b>	SEDIMENT (TSS)	<b>Value</b>	70.00
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Lake Superior		

<b>Grant Activity - SSL-034 Hampton Technical-Engineering</b>			
<b>Description</b>	SSL-034 Hampton Technical-Engineering		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	21-Dec-13	<b>End Date</b>	31-Aug-15
<b>Rates and Hours</b>			
<b>Actual Results</b>	Lake Superior shoreline was successfully stabilized in August 2015.		

Grant Activity - SSL-037 Hashey and SSL-054 Lindgren Construction			
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-14	End Date	30-Sep-14
Rates and Hours			
Actual Results	Over 1000 feet of river bank was restored along the French River at Lismore and Cant Roads. The project involved three landowners and two contractors. The project was completed in late Septemeber, 2014. Retainage was kept until plant viability can be be confirmed in spring of 2015.		

Activity Action - streambank			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	streambank stabilization		
Proposed Size / Units	545 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	545 LINEAR FEET	Installed Date	20-Oct-14
Final Indicator for streambank			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	1650.25
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	French River		
Final Indicator for streambank			
Indicator Name	SOIL (EST. SAVINGS)	Value	1435
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	French River		
Final Indicator for streambank			
Indicator Name	SEDIMENT (TSS)	Value	1435
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	French River		

Grant Activity - SSL-037 Hashey and SSL-054 Lindgren Technical-Engineering			
Description	SSL-037 Hashey and SSL-054 Lindgren		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-14	End Date	30-Sep-14
Rates and Hours			
Actual Results	Over 1000 feet of river bank was restored along the French River at Lismore and Cant Roads. The project involved three landowners and two contractors. The project was completed in late Septemeber, 2014. Retainage was kept until plant viability can be be confirmed in spring of 2015.		

Grant Activity - SSL-039 Hills Construction			
Description	SSL-039 Hills		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jul-13	End Date	18-Dec-13
Rates and Hours			
Actual Results	Flood recovery - stream project		

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	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

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

<b>Grant Activity - SSL-039 Hills Technical-Engineering</b>			
<b>Description</b>	SSL-039 Hills Technical-Engineering		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Jul-13	<b>End Date</b>	18-Dec-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	Flood recovery - stream project repair of rock wall		

<b>Grant Activity - SSL-040 Hope Methodist Construction</b>			
<b>Description</b>	SSL-040 Hope Methodist Construction		
<b>Category</b>	SPECIAL PROJECTS		
<b>Start Date</b>	14-May-14	<b>End Date</b>	25-Nov-14
<b>Rates and Hours</b>			
<b>Actual Results</b>	125 feet of tischer creek restored with stream vanes and bankful bench.		



Activity Action - flood damage			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	2
Description	stream stabilization		
Proposed Size / Units	100 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	125 LINEAR FEET	Installed Date	25-Nov-14

Final Indicator for flood damage			
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	Tischer Creek		

Final Indicator for flood damage			
Indicator Name	SEDIMENT (TSS)	Value	12.6
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Tischer Creek		

Final Indicator for flood damage			
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	Tischer Creek		

Activity Action - Hope Methodist streambank restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	2
Description	125 feet restored from flood damage - Tischer Creek.		
Proposed Size / Units	100 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	125 LINEAR FEET	Installed Date	22-Jul-14

Grant Activity - SSL-040 Hope Methodist Technical-Engineering			
Description	SSL-040 Hope Methodist		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	30-Sep-14
Rates and Hours			
Actual Results	125 feet of tischer creek restored with stream vanes and bankful bench.		

Grant Activity - SSL-042 Johnson Construction			
Description	SSL-042 Johnson		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	01-Aug-13
Rates and Hours			
Actual Results	Flood Recovery - repair of previous cost-share practice		

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	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		

<b>Final Indicator for SSL-042 practice</b>			
<b>Indicator Name</b>	SOIL (EST. SAVINGS)	<b>Value</b>	25.20
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Lake Superior		

<b>Grant Activity - SSL-042 Johnson Technical-Engineering</b>			
<b>Description</b>	SSL-042 Johnson Technical-Engineering		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Apr-13	<b>End Date</b>	01-Aug-13
<b>Rates and Hours</b>			
<b>Actual Results</b>	Flood Recovery - repair of previous cost-share practice		

<b>Grant Activity - SSL-044 Dorothy Johnson Construction</b>			
<b>Description</b>	SSL-044 Dorothy Johnson Construction		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	1-Jan-13	<b>End Date</b>	
<b>Rates and Hours</b>			
<b>Actual Results</b>	Feb 1 2016: Construction has been delayed until summer of 2016.		

<b>Grant Activity - SSL-044 Dorthy Johnson Technical-Engineering</b>			
<b>Description</b>	SSL-044 Dorthy Johnson		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-May-13	<b>End Date</b>	
<b>Rates and Hours</b>			
<b>Actual Results</b>	Completing engineering plans using Northland Consulting Eng.  Feb 1 2016: Construction has been delayed to summer of 2016.		

Grant Activity - SSL-046 Knighton Construction			
Description	SSL-046 Knighton Construction combined with raway rutherford		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	14-May-14	End Date	31-Aug-15
Rates and Hours			
Actual Results	construction completed summer 2015.		

Activity Action - Tischer Creek stream restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	200 feet of tischer creek stream restoration (combined with Raway/Rutford).		
Proposed Size / Units	200 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	200 LINEAR FEET	Installed Date	31-Aug-15
Final Indicator for Tischer Creek stream restoration			
Indicator Name	SOIL (EST. SAVINGS)	Value	22
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Tischer Creek		

Grant Activity - SSL-046 Knighton Technical-Engineering			
Description	SSL-046 Knighton Technical-Engineering combined with raway rutherford		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	23-Jun-14	End Date	31-Aug-15
Rates and Hours			
Actual Results	TSA did design Permit acquired board approved April mtg. construction completed summer 2015 200 feet toewood restoration between several landowners on Tischer Creek		

Grant Activity - SSL-048 John Lane Construction			
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	repair of retaining wall		

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-048 John Lane Technical-Engineering			
Description	SSL-048 John Lane Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	01-Nov-14
Rates and Hours			
Actual Results	Provided technical assistance.		

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

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	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		
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	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		

Grant Activity - SSL-050 Langley Technical-Engineering			
Description	SSL-050 Langley Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	30-Sep-13
Rates and Hours			
Actual Results	Flood Recovery - road repair		

Grant Activity - SSL-053 Levinski Construction			
Description	SSL-053		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Apr-13	End Date	31-Dec-14
Rates and Hours			
Actual Results	Flood Recovery - Stream stabilization		

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	SEDIMENT (TSS)	Value	52.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)



<b>Waterbody</b>	Morgan Park Creek		
<b>Final Indicator for SSL - 053 Levinski</b>			
<b>Indicator Name</b>	PHOSPHORUS (EST. REDUCTION)	<b>Value</b>	60.38
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Morgan Park Creek		
<b>Final Indicator for SSL - 053 Levinski</b>			
<b>Indicator Name</b>	BOD 5	<b>Value</b>	52.50
<b>Indicator Subcategory/Units</b>	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	<b>Calculation Tool</b>	BWSR CALC (STREAM & DITCH STABILIZATION)
<b>Waterbody</b>	Morgan Park Creek		

<b>Grant Activity - SSL-053 Levinski Technical-Engineering</b>			
<b>Description</b>	SSL-053 Levinski Technical-Engineering		
<b>Category</b>	TECHNICAL/ENGINEERING ASSISTANCE		
<b>Start Date</b>	1-Apr-13	<b>End Date</b>	31-Dec-14
<b>Rates and Hours</b>			
<b>Actual Results</b>	Flood Recovery - Stream stabilization		

<b>Grant Activity - SSL-064 Neimi Construction</b>			
<b>Description</b>	SSL-064 Neimi Construction		
<b>Category</b>	STREAMBANK OR SHORELINE PROTECTION		
<b>Start Date</b>	1-Jul-14	<b>End Date</b>	15-Jul-15
<b>Rates and Hours</b>			
<b>Actual Results</b>	Completed lake Superior Shoreline stabilization project		

Activity Action - Lake Superior Shoreline			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Lake Superior Shoreline stabilization		
Proposed Size / Units	195 LINEAR FEET	Lifespan	10 Years
Actual Size/Units	195 LINEAR FEET	Installed Date	17-Jun-15

Final Indicator for Lake Superior Shoreline			
Indicator Name	SOIL (EST. SAVINGS)	Value	136.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		

Final Indicator for Lake Superior Shoreline			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	156.98
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		

Final Indicator for Lake Superior Shoreline			
Indicator Name	SEDIMENT (TSS)	Value	136.50
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	Lake Superior		

Grant Activity - SSL-064 Neimi Technical-Engineering			
Description	SSL -064 Neimi		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	31-Jul-15
Rates and Hours			
Actual Results	Feb 1 2016: Project was completed in summer of 2015.		

Grant Activity - SSL-066 North Shore School Construction			
Description	SSL-066 North Shore School Construction		
Category	SPECIAL PROJECTS		
Start Date		End Date	
Rates and Hours			
Actual Results	cancelled - not interested		

Grant Activity - SSL-066 North Shore School Technical-Engineering			
Description	SSL-066 North Shore School Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jun-13	End Date	
Rates and Hours			
Actual Results			

Grant Activity - SSL-067 Northstar Baptist Construction			
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	Flood recovery - repair driveway		

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	SEDIMENT (TSS)	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		

Grant Activity - SSL-067 Northstar Baptist Technical-Engineering			
Description	SSL-067 Northstar Baptist Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	31-Dec-13
Rates and Hours			
Actual Results	Flood recovery - repair driveway		

Grant Activity - SSL-073 Putzke Construction			
Description	SSL-073 Putzke		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jul-12	End Date	09-Jul-12
Rates and Hours			
Actual Results	fixed 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	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		
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		

Grant Activity - SSL-073 Putzke Technical-Engineering			
Description	SSL-073 Putzke Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jul-12	End Date	01-Jul-12
Rates and Hours			
Actual Results	fixed driveway by installing two culverts		

Grant Activity - SSL-074 Rayway & SSL-076 Rutford Construction			
Description	SSL-074 Rayway & SSL-076 Rutford Construction combined with knighton		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	10-Oct-13	End Date	31-Aug-15
Rates and Hours			
Actual Results	<p>TSA completed design permit acquired</p> <p>Board approved Apr mtg</p> <p>200 feet between several landowners on Tischer creek</p> <p>construction slated for summer of 2015</p> <p>construction successfully completed august of 2015.</p>		

Activity Action - Tischer Creek stream restoration			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	200 feet of stream restoration using wood and rock vanes upstream and downstream of Columbus ave. (Tischer Creek). Combined with Knighton.		
Proposed Size / Units	200 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	200 LINEAR FEET	Installed Date	31-Aug-15
Final Indicator for Tischer Creek stream restoration			
Indicator Name	SOIL (EST. SAVINGS)	Value	11
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (STREAM & DITCH STABILIZATION)
Waterbody	tischer creek		

Grant Activity - SSL-074 Rayway & SSL-076 Rutford Technical-Engineering			
Description	SSL-074 Rayway et al combined with rutford and knighton		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	31-Aug-15
Rates and Hours			
Actual Results	TSA completed design permit acquired Board approved Apr mtg 200 feet between several landowners on tischer creek construction successfulluy completed july of 2015.		

Grant Activity - SSL-077 Sams Construction			
Description	SSL-077 Sams Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date		End Date	
Rates and Hours			
Actual Results	Landowner declined to participate in project. Project cancelled.		

Grant Activity - SSL-077 Sams Technical-Engineering			
Description	SSL-077 Sams Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date		End Date	
Rates and Hours			
Actual Results	Landowner declined assistance. Project cancelled.		

Grant Activity - SSL-079 Sieving Construction			
Description	SSL-079 Sieving TSA doing design 10K for engineering Whiteface River		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jun-13	End Date	31-Jul-15
Rates and Hours			
Actual Results	design complete, bids received - March 2015.  Feb 1 2016: This project was successfully completed in summer of 2015. MCC provided labor. This was our first tree revetment project.		

Activity Action - Whiteface River bank stabilization			
Practice	580 - Streambank and Shoreline Protection	Count of Activities	1
Description	Slumping bank on Whiteface River was re-graded, stabilized and armoured with a tree revetment at the toe of the slope. A swale was also installed at the top of the slope to re-direct runoff.		
Proposed Size / Units	300 LINEAR FEET	Lifespan	25 Years
Actual Size/Units	300 LINEAR FEET	Installed Date	31-Jul-15
Final Indicator for Whiteface River bank stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	2
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (SHEET AND RILL)
Waterbody	Whiteface R.		



Grant Activity - SSL-079 Sieving Technical-Engineering			
Description	SSL-079 Sieving Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Jun-13	End Date	31-Jul-15
Rates and Hours			
Actual Results	<p>design complete, bids received - March 2015</p> <p>Feb 1 2016: This project was successfully completed in summer of 2015. MCC provided labor. This was our first tree revetment project.</p>		

Grant Activity - SSL-080 Sipes Construction			
Description	SSL-080 Sipes Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jan-13	End Date	
Rates and Hours			
Actual Results	Feb 1 2016: Design is under development. Construction slated for summer 2016.		

Grant Activity - SSL-080 Sipes Technical-Engineering			
Description	SSL-080 Sipes		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Apr-13	End Date	
Rates and Hours			
Actual Results	Feb 1 2016: Design is in development. Construction slated for summer 2016.		

Grant Activity - SSL-081 Skogland / MN Power Construction		
Description	SSL-081 Skogland / MN Power	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-Jan-13	End Date
Rates and Hours		
Actual Results	Feb 1 2016: MN power has now agreed to let their leaseholders repair flood damage. Design was completed before project was cancelled. Discussions were re-started with leaseholders. Construction planned for summer 2016.	

Grant Activity - SSL-081 Skogland / MN Power Technical-Engineering		
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	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date	1-May-13	End Date
Rates and Hours		
Actual Results	Feb 1 2016: MN power has now agreed to let their leaseholders repair flood damage. Design was completed before project was cancelled. Discussions were re-started with leaseholders. Construction planned for summer 2016.	

Grant Activity - SSL-082 Sowl Construction 2		
Description	SSL-082 Sowl Construction 2 (accidentally deleted original activity-tried to re-add it and gave it this "2" name).	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-Jan-13	End Date
Rates and Hours		
Actual Results	preliminary design done by TSA landowner not responding to letters or calls may be cancelled.	

Grant Activity - SSL-082 Sowl Technical-Engineering			
Description	SSL-082 Sowl		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-May-13	End Date	
Rates and Hours			
Actual Results	preliminary design done by TSA landowner not responding to letters or calls may be cancelled.		

Grant Activity - SSL-086 Tokarczyk Construction			
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	80 LINEAR FEET	Installed Date	26-Nov-13
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		
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		

Grant Activity - SSL-086 Tokarczyk Technical-Engineering			
Description	SSL-086 Tokarczyk Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	1-Oct-13	End Date	18-Dec-13
Rates and Hours			
Actual Results	Provided technical assistance		

Grant Activity - SSL-087 Vik Construction			
Description	SSL-087 Vik Construction		
Category	STREAMBANK OR SHORELINE PROTECTION		
Start Date	1-Jan-13	End Date	
Rates and Hours			
Actual Results	Feb 1 2016: Project hasn't started yet.		

Grant Activity - SSL-087 Vik Technical-Engineering			
Description	SSL-087 Vik Technical-Engineering		
Category	TECHNICAL/ENGINEERING ASSISTANCE		
Start Date	21-Dec-13	End Date	
Rates and Hours			
Actual Results	Landowner contact and assistance.		

Grant Activity - SSL-091 Zywicki Construction		
Description	SSL-091 Zywicki Construction	
Category	STREAMBANK OR SHORELINE PROTECTION	
Start Date	1-Jan-13	End Date
Rates and Hours		
Actual Results	Feb 1 2016: Project hasn't started yet.	

Grant Activity - SSL-091 Zywicki Technical-Engineering		
Description	SSL-091 Zywicki Technical-Engineering	
Category	TECHNICAL/ENGINEERING ASSISTANCE	
Start Date	1-Oct-13	End Date
Rates and Hours		
Actual Results	Landowner contact and assistance.	

### Grant Attachments

Document Name	Document Type	Description
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/28/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2016
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 06/29/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 10/09/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 04/20/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/10/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/20/2015
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 08/01/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/26/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 03/04/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/29/2014
All Details Report	Workflow Generated	Workflow Generated - All Details Report - 01/15/2016

Document Name	Document Type	Description
<b>Amendment</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Bergal_AsBuilt_1</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Bergal_AsBuilt_2</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Bergal_AsBuilt_3</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Gafner DNR permit</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Gafner contractor documents plans and bids</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Gafner/City of Duluth O&amp;M</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey DNR permit</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey Lindgren O&amp;M</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey Lindgren Project Presentation</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey bid plans</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey cost share contract</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Hashey sunram contractor doc</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Interim Financial Report</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>O &amp; M Plan for Bergal</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Phase 2B progress report payment request form</b>	Progress	Progress Dated - 01/28/2016
<b>Prairie restorations invoice</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Seiving AsBuilt</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Seiving O&amp;M</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Seiving invoice from Superior Constuction</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Sieving_DNR_Permit</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Sieving_design</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Sipes As Built</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Voucher_Board_Bergal_Payment</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>Work Plan Revisions</b>	Journal	Journal Dated - 07/25/2014
<b>expiration amendment</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>gafner / city concrete detail</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>gafner / city garage stab detail</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>gafner invoice downstream superior constructi</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)

Document Name	Document Type	Description
<b>gafner upstream invoice superior construct</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>seiving final voucher signed</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>signed CS contract for Seiving</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)
<b>site design for bergal</b>	Grant	2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, South SWCD)