



Grant All-Detail Report Disaster Relief 2012

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

Grant ID - P12-8630

Organization - St Louis, South SWCD

| | | | |
|------------------------------|-----------------------|---------------------------------|-------------|
| Grant Awarded Amount | \$1,938,403.00 | Grant Execution Date | |
| 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 | \$1,859,814.00 | \$1,336,786.07 | \$601,616.93 |
| Total Match Amount | | | \$0.00 |
| Total Other Funds | \$187,500.00 | \$187,500.00 | \$0.00 |
| Total | \$2,047,314.00 | \$1,524,286.07 | \$601,616.93 |

*Grant balance remaining is the difference between the Awarded Amount and the Spent Amount. Other values compare budgeted and spent amounts.

Budget Details

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Match |
|-----------------------------|------------------------------------|---------------------|--|--------------|--------------|-----------------------|-------|
| SSL-014 Betros Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$225,000.00 | \$243,193.00 | 10/18/2016 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction | |
|---|------------------------------------|---------------------|--|--------------|--------------|------------------|-------|
| | | | | | | Date | Match |
| SSL-014 Betros Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$56,250.00 | \$60,740.37 | 12/31/2016 | N |
| SSL-021 Cherveney Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$18,318.00 | \$18,317.22 | 8/20/2014 | N |
| SSL-021 Cherveney Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$4,579.00 | \$2,463.00 | 2/14/2014 | N |
| SSL-021_2 Cherveney 2_2016 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$5,000.00 | \$4,185.19 | 12/31/2016 | N |
| SSL-026 Davis Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$15,000.00 | \$6,595.00 | 6/25/2014 | N |
| SSL-026 Davis Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$3,750.00 | \$401.80 | 12/31/2015 | N |
| SSL-029 Paul Fleckenstein Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$125,000.00 | \$103,214.23 | 10/22/2015 | N |
| SSL-029 Paul Fleckenstein Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$31,250.00 | \$19,798.15 | 12/31/2015 | N |
| SSL-032 Grobe Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$134,000.00 | \$117,092.08 | 10/30/2014 | N |
| SSL-032 Grobe Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$33,500.00 | \$14,774.12 | 12/31/2015 | N |
| SSL-033 Hakala Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$7,000.00 | \$1,245.00 | 11/2/2015 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction | |
|--|------------------------------------|---------------------|--|--------------|--------------|------------------|-------|
| | | | | | | Date | Match |
| SSL-033 Hakala Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$1,750.00 | \$598.74 | 12/31/2015 | N |
| SSL-035 John Hansen Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$30,000.00 | \$22,687.71 | 2/25/2014 | N |
| SSL-035 John Hansen Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$7,500.00 | \$290.00 | 12/21/2013 | N |
| SSL-048 John Lane Construction | Streambank or Shoreline Protection | Other Funds | 2012 - Minnesota Flood Relief Grant Phase 2B (St Louis, Sout.. | \$187,500.00 | \$187,500.00 | 12/18/2013 | N |
| SSL-058 Menart / SSL-071 Pfeffer Construction_CANCELLED | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$0.00 | | | N |
| SSL-058 Menart / SSL-071 Pfeffer Technical-Engineering_CANCELLED | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$16,866.00 | \$16,865.10 | 7/31/2014 | N |
| SSL-060 Michaud and SSL-089 Winklesky Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$140,000.00 | \$156,634.00 | 11/2/2015 | N |
| SSL-060 Michaud and SSL-089 Winklesky Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$35,000.00 | \$44,899.66 | 12/31/2016 | N |
| SSL-061 Minotte Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$13,726.00 | \$13,725.30 | 1/2/2014 | N |
| SSL-061 Minotte Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$3,431.00 | \$3,111.00 | 6/23/2014 | N |
| SSL-068 Ozan Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$40,000.00 | \$44,414.40 | 9/8/2015 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction | |
|---|------------------------------------|---------------------|--|--------------|--------------|------------------|-------|
| | | | | | | Date | Match |
| SSL-068 Ozan Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$20,828.00 | \$28,911.84 | 12/31/2016 | N |
| SSL-069 Packingham Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$10,085.00 | \$10,085.00 | 8/26/2014 | N |
| SSL-069 Packingham Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$289.00 | \$289.00 | 12/31/2014 | N |
| SSL-070 Pederson Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$20,000.00 | \$21,680.00 | 1/28/2016 | N |
| SSL-070 Pederson Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$5,000.00 | \$30,465.20 | 12/31/2016 | N |
| SSL-085/090 Sylvester & Wuchter Technical-Engineering | Technical/Engineering Assistance | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$45,530.00 | \$45,700.20 | 12/31/2015 | N |
| SSL-085/090 Sylvester & Wuckter Construction | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$291,330.00 | \$291,330.00 | 11/25/2014 | N |
| SSL-098 Neas Construction_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$124,035.00 | | | N |
| SSL-098 Neas Technical-Engineering_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$31,008.00 | \$4,218.23 | 12/31/2016 | N |
| SSL-099 Demaioribus Construction_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$221,490.00 | | | N |
| SSL-099 Demaioribus Technical-Engineering_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$50,372.00 | \$5,635.23 | 12/31/2016 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction | |
|---|------------------------------------|---------------------|--|-------------|------------|------------------|-------|
| | | | | | | Date | Match |
| SSL-100 Johnston, L. Construction_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$74,336.00 | | | N |
| SSL-100 Johnston, L. Technical-Engineering_2017 | Streambank or Shoreline Protection | Current State Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South.. | \$18,591.00 | \$3,226.30 | 12/31/2016 | N |

Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|---|--------------------|-----------------------|----------------------|--------------------|
| 580 - Streambank and Shoreline Protection | 1 | 1 | 800 LINEAR FEET | 800 LINEAR FEET |
| 584 - Stream Channel Stabilization | 1 | 1 | 250 LINEAR FEET | 250 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 3 | 1 | 100 LINEAR FEET | 100 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 1 | 210 LINEAR FEET | 210 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 2 | 120 LINEAR FEET | 120 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 1 | 30 LINEAR FEET | 30 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 1 | 75 LINEAR FEET | 75 LINEAR FEET |
| 584 - Stream Channel Stabilization | 1 | 1 | 350 LINEAR FEET | 350 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 2 | 250 LINEAR FEET | 250 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 1 | 1 | 75 LINEAR FEET | 70 LINEAR FEET |

| Activity Details | Total Action Count | Total Activity Mapped | Proposed Size / Unit | Actual Size / Unit |
|---|--------------------|-----------------------|----------------------|--------------------|
| 580 - Streambank and Shoreline Protection | 3 | 1 | 50 LINEAR FEET | 50 LINEAR FEET |

Proposed Activity Indicators

| Activity Name | Indicator Name | Value & Units | Waterbody | Calculation Tool | Comments |
|---------------|----------------|---------------|-----------|------------------|----------|
|---------------|----------------|---------------|-----------|------------------|----------|

Final Indicators Summary

| Indicator Name | Total Value | Unit |
|-----------------------------|-------------|---------|
| SEDIMENT (TSS) | 1,743.75 | TONS/YR |
| PHOSPHORUS (EST. REDUCTION) | 1,763.67 | LBS/YR |
| SOIL (EST. SAVINGS) | 1,603.13 | TONS/YR |

Grant Activity

| Grant Activity - SSL-014 Betros Construction | | | |
|--|--|----------|-----------|
| Description | SSL-014 Betros | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Jul-13 | End Date | 28-Oct-16 |
| Has Rates and Hours? | Yes | | |
| Actual Results | Feb 1 2016: Amity Creek. Streambank stabilization completed, October of 2015. All payments made. 9/1/2016 UPDATE. This project needed some repair after some groundwater sources that were previously unidentified caused part of the slope to become unstable. The project was repaired in June and October of 2016. | | |

| Activity Action - stream / bank restoration | | | |
|---|--|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 25 foot eroded bank, 250 linear feet-stream restoration project. | | |
| Proposed Size / Units | 250.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 250.00 LINEAR FEET | Installed Date | 8-Oct-15 |
| Mapped Activities | 2 Line(s) | | |

| Final Indicator for stream / bank restoration | | | |
|---|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 4.38 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | french river | | |

| Grant Activity - SSL-014 Betros Technical-Engineering | | | |
|---|--|----------|-----------|
| Description | SSL-014 Betros Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Aug-13 | End Date | 12-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>TSA #3 completed design, acquired permits. Construction slated for late summer of 2015.</p> <p>Feb 1 2016: Amity Creek. Streambank stabilization completed. All payments made.</p> <p>Feb 1 2017: Some project repair work was completed in 2016. Site still needs to be re-seeded by contractor.</p> | | |

| Grant Activity - SSL-021 Cherveney Construction | | | |
|---|--|----------|-----------|
| Description | SSL-021 Cherveney TSA will do design neighbor Thompson and one living at residence on group addendum | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Feb-13 | End Date | 10-Oct-14 |
| Has Rates and Hours? | No | | |
| Actual Results | 250 feet of 34th ave e creek restored/stabilized to B channel with riffles and step pool structures. | | |

| Activity Action - gully stabilization | | | |
|---------------------------------------|--|---------------------|----------|
| Practice | 584 - Stream Channel Stabilization | Count of Activities | 1 |
| Description | gully stabilization through 2 landowners' backyards. 34th ave east creek headwaters. | | |
| Proposed Size / Units | 250.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 250.00 LINEAR FEET | Installed Date | 1-Jun-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for gully stabilization | | | |
|---|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 131.25 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | 36 th ave e creek | | |

| Grant Activity - SSL-021 Cherveney Technical-Engineering | | | |
|--|--|----------|-----------|
| Description | SSL-021 Cherveney Technical-Engineering.Completed by TSA. | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Feb-13 | End Date | 10-Oct-14 |
| Has Rates and Hours? | No | | |
| Actual Results | 250 feet of 34th ave e creek restored/stabilized to B channel with riffles and step pool structures. | | |

| Grant Activity - SSL-021_2 Cherveney 2_2016 | | | |
|---|--|----------|-----------|
| Description | SSL-021_2 Cherveney 2_2016 | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 17-Oct-16 | End Date | 19-Oct-16 |
| Has Rates and Hours? | No | | |
| Actual Results | 12/23/2016: Project Complete. MCC crew repaired steam channel under direction of engineer. | | |

| Activity Action - Stream channel repair | | | |
|---|--|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Repaired stream channel/bank that needed repair after heavy rains. | | |
| Proposed Size / Units | 50.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 50.00 LINEAR FEET | Installed Date | 19-Oct-16 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for Stream channel repair | | | |
|---|---|------------------|-------|
| Indicator Name | SOIL (EST. SAVINGS) | Value | .25 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | Other |
| Waterbody | 36th ave e creek | | |

| Grant Activity - SSL-026 Davis Construction | | | |
|---|---|----------|-----------|
| Description | SSL-026 Davis Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 8-Nov-13 | End Date | 22-Nov-13 |
| Has Rates and Hours? | No | | |
| Actual Results | eroded gully restoration / clean out of drainageway / installation of fabric and rip rap. | | |

| Activity Action - gully stabilization | | | |
|---------------------------------------|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | retaining wall damaged, gully eroded. 30 feet of gully stabilized with fabric and riprap. | | |
| Proposed Size / Units | 30.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 30.00 LINEAR FEET | Installed Date | 22-Nov-13 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for gully stabilization | | | |
|---|---|------------------|---------------------------------|
| Indicator Name | SEDIMENT (TSS) | Value | 1.4 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody | unnamed drainage | | |

| Grant Activity - SSL-026 Davis Technical-Engineering | | | |
|--|--|----------|-----------|
| Description | SSL-026 Davis Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 21-Dec-12 | End Date | 22-Nov-13 |
| Has Rates and Hours? | No | | |
| Actual Results | landowner consultation/visit. eroded gully restoration / clean out of drainageway / installation of fabric and rip rap. | | |

| Grant Activity - SSL-029 Paul Fleckenstein Construction | | | |
|---|---|----------|-----------|
| Description | SSL-029 | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 08-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>partial stabilization completed. majority of construction completed as of Oct 2015. Final payments to be arranged.</p> <p>Feb 1 2016: Construction completed, all payments made.</p> | | |

| Activity Action - ssl - 029 project | | | |
|-------------------------------------|---|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | streambank repair | | |
| Proposed Size / Units | 100.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 100.00 LINEAR FEET | Installed Date | 8-Oct-15 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for ssl - 029 project | | | |
|---------------------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 805.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Keane Creek | | |

| Final Indicator for ssl - 029 project | | | |
|---------------------------------------|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 700.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Keane Creek | | |

| Final Indicator for ssl - 029 project | | | |
|---------------------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 700.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Keane Creek | | |

| Grant Activity - SSL-029 Paul Fleckenstein Technical-Engineering | | | |
|--|--|----------|-----------|
| Description | SSL-029 Paul Fleckenstein Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Sep-12 | End Date | 08-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>landowner discussions. hiring consultant and contractor to do work.</p> <p>partial stabilization completed.</p> <p>majority of construction completed as of Oct 2015. Final payments to be arranged.</p> <p>Feb 1 2016: Project completed. All payments made.</p> | | |

| Grant Activity - SSL-032 Grobe Construction | | | |
|---|---|----------|-----------|
| Description | SSL-032 Grobe Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 01-Oct-14 |
| Has Rates and Hours? | No | | |
| Actual Results | Contractor hired by landowner. Wall constructed on damaged slope by soil nail contractor. | | |

| Activity Action - soil nail wall - chester creek | | | |
|--|--|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Soil nailing company installed soil nails and shotcrete to stabilize a slumping area in homeowners back yard. Adjacent to Chester Creek. | | |
| Proposed Size / Units | 800.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 800.00 LINEAR FEET | Installed Date | 30-Oct-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for soil nail wall - chester creek | | | |
|--|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 2.8 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Chester Creek | | |

| Grant Activity - SSL-032 Grobe Technical-Engineering | | | |
|--|---|----------|-----------|
| Description | SSL-032 Grobe Technical Engineering. | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Apr-13 | End Date | 01-Oct-14 |
| Has Rates and Hours? | No | | |
| Actual Results | Contractor hired by landowner. Wall constructed on damaged slope by soil nail contractor. | | |

| Grant Activity - SSL-033 Hakala Construction | | | |
|--|---|----------|-----------|
| Description | SSL-033 Hakala Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 17-Jun-14 | End Date | 31-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | Feb 1 2016: Project completed October of 2015. All payments made. | | |

| Activity Action - Keene Creek trib. bank stabilization | | | |
|--|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Keene Creek trib. bank stabilization | | |
| Proposed Size / Units | 50.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 50.00 LINEAR FEET | Installed Date | 31-Oct-15 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for Keene Creek trib. bank stabilization | | | |
|--|---|------------------|---------------------------------|
| Indicator Name | SEDIMENT (TSS) | Value | 1 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (GULLY STABILIZATION) |
| Waterbody | keene crk. | | |

| Grant Activity - SSL-033 Hakala Technical-Engineering | | | |
|---|--|----------|-----------|
| Description | SSL-033 Hakala Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 21-Dec-13 | End Date | 31-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | landowner visit/consultation. Feb 1 2016: Project completed. All payments made. | | |

| Grant Activity - SSL-035 John Hansen Construction | | | |
|---|--|----------|-----------|
| Description | SSL - 035 John Hansen Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-May-13 | End Date | 19-Jun-13 |
| Has Rates and Hours? | No | | |
| Actual Results | Flood recovery - slope stabilization reimbursement | | |

| Activity Action - ssl 035 project | | | |
|-----------------------------------|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | | | |
| Proposed Size / Units | 100.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 100.00 LINEAR FEET | Installed Date | 15-May-13 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for ssl 035 project | | | |
|-------------------------------------|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 315.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | 34th Ave East Creek | | |

| Final Indicator for ssl 035 project | | | |
|-------------------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 315.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | 34th ave creek | | |

| Final Indicator for ssl 035 project | | | |
|-------------------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 362.25 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | 34th Ave East Creek | | |

| Grant Activity - SSL-035 John Hansen Technical-Engineering | | | |
|--|--|----------|-----------|
| Description | SSL-035 John Hansen Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-May-13 | End Date | 19-Jun-13 |
| Has Rates and Hours? | No | | |
| Actual Results | Flood recovery - slope stabilization reimbursement | | |

| Grant Activity - SSL-058 Menart / SSL-071 Pfeffer Construction_CANCELLED | | | |
|--|--|----------|-----------|
| Description | SSL-058 Menart / SSL-071 Pfeffer Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 31-Dec-13 |
| Has Rates and Hours? | No | | |
| Actual Results | Cancelled. Landowners went to buy-out with the city. | | |

| Grant Activity - SSL-058 Menart / SSL-071 Pfeffer Technical-Engineering_CANCELLED | | | |
|---|--|----------|-----------|
| Description | SSL-058 Menart / SSL-071 Pfeffer | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Apr-13 | End Date | 31-Dec-13 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>The technical engineering funds on this project went towards a geotechnical survey / soil borings, which were completed by a consultant. The report from this work indicated that fixing the problem would cost more than the houses are worth.</p> <p>Cancelled. Landowners went to buy-out with the city.</p> | | |

| Grant Activity - SSL-060 Michaud and SSL-089 Winklesky Construction | | | |
|---|---|----------|-----------|
| Description | SSL-060 Michaud and SSL-089 Winklesky Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-May-13 | End Date | 01-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>walls are complete. follow-up erosion control will be needed in the spring if vegetation does not establish this fall. landowner has been notified of ongoing requirements via O&M plan.</p> <p>Final payments made.</p> | | |

| Activity Action - retaining walls, miller creek watershed | | | |
|---|--|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 2 retaining walls to stabilize large slope failure at rear of adjacent landowners homes. | | |
| Proposed Size / Units | 75.00 LINEAR FEET | Lifespan | 30 Years |
| Actual Size/Units | 70.00 LINEAR FEET | Installed Date | 1-Oct-15 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for retaining walls, miller creek watershed | | | |
|---|---|------------------|----------------------------|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 0.10 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (SHEET AND RILL) |
| Waterbody | Miller Creek Trib | | |

| Grant Activity - SSL-060 Michaud and SSL-089 Winklesky Technical-Engineering | | | |
|--|---|----------|-----------|
| Description | SSL-060 Michaud and SSL-089 Winklesky Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-May-13 | End Date | 01-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>walls are complete. follow-up erosion control will be needed in the spring if vegetation does not establish this fall. landowner has been notified of ongoing requirements via O&M plan.</p> <p>Final payments made.</p> <p>Feb 1 2017: Completed one-year inspection.</p> | | |

| Grant Activity - SSL-061 Minotte Construction | | | |
|---|---------------------------------------|----------|-----------|
| Description | flood recovery - stream stabilization | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 10-Dec-13 |
| Has Rates and Hours? | No | | |
| Actual Results | Completed streambank project. | | |

| Activity Action - ssl-061 | | | |
|---------------------------|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | stream stabilization | | |
| Proposed Size / Units | 75.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 75.00 LINEAR FEET | Installed Date | 18-Dec-13 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for ssl-061 | | | |
|-----------------------------|---|------------------|--|
| 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 | Greys Creek | | |

| Final Indicator for ssl-061 | | | |
|-----------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 105.00 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Greys creek | | |

| Final Indicator for ssl-061 | | | |
|-----------------------------|--|------------------|--|
| 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 | Greys Creek | | |

| Grant Activity - SSL-061 Minotte Technical-Engineering | | | |
|--|---|----------|-----------|
| Description | SSL-061 Minotte Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Apr-13 | End Date | 10-Dec-13 |
| Has Rates and Hours? | No | | |
| Actual Results | completed gully stream bank stabilization | | |

| Grant Activity - SSL-068 Ozan Construction | | | |
|--|--|----------|-----------|
| Description | SSL-068 Ozan | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 24-Jul-15 |
| Has Rates and Hours? | No | | |
| Actual Results | Amity creek stream / bank restoration. Construction completed July, 2015 | | |

| Activity Action - stream / bank restoration | | | |
|---|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | toewood bench construction / move creek away form eroding bank. | | |
| Proposed Size / Units | 100.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 100.00 LINEAR FEET | Installed Date | 24-Jul-15 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for stream / bank restoration | | | |
|---|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 10.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | amity crk. | | |

| Grant Activity - SSL-068 Ozan Technical-Engineering | | | |
|---|---|----------|-----------|
| Description | SSL-068 Ozan Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 6-Aug-13 | End Date | 24-Jul-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>Consultant hired to develop design.</p> <p>Amity creek stream / bank restoration. Construction completed July, 2015.</p> <p>Feb 1 2017: Completed 1 year inspection. Adjacent to new project - Neas.</p> | | |

| Grant Activity - SSL-069 Packingham Construction | | | |
|--|------------------------------------|----------|-----------|
| Description | SSL-069 Packingham Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 21-Aug-13 | End Date | 01-Aug-14 |
| Has Rates and Hours? | No | | |
| Actual Results | Installed practice | | |

| Activity Action - project | | | |
|---------------------------|---|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | streambank project | | |
| Proposed Size / Units | 50.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 50.00 LINEAR FEET | Installed Date | 1-Aug-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for project | | | |
|-----------------------------|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 17.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Brewery Creek | | |

| Final Indicator for project | | | |
|-----------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 17.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Brewery Creek | | |

| Final Indicator for project | | | |
|-----------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 20.13 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Brewery Creek | | |

| Grant Activity - SSL-069 Packingham Technical-Engineering | | | |
|---|--|----------|-----------|
| Description | SSL-069 Packingham Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Jun-13 | End Date | 01-Oct-14 |
| Has Rates and Hours? | No | | |
| Actual Results | completed technical assistance | | |

| Grant Activity - SSL-070 Pederson Construction | | | |
|--|---|----------|-----------|
| Description | SSL-070 Pederson | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Apr-13 | End Date | 31-Aug-15 |
| Has Rates and Hours? | No | | |
| Actual Results | <p>landowner visit/consult.</p> <p>This was a joint project with the City of Duluth and a private landowner. 350 feet of flood-damaged creek was restored with trout habitat and riparian area. Cost Share contract is with the City of Duluth for 20K.</p> <p>Feb 1 2017: payment was made to city of duluth for approved items.</p> | | |

| Activity Action - Stewart Creek Stream Restoration | | | |
|--|--|---------------------|-----------|
| Practice | 584 - Stream Channel Stabilization | Count of Activities | 1 |
| Description | This was a combined project with the City of Duluth. TSA 3 did the design. City of Duluth hired the contractor. 400 feet of flood-damaged Stewart Creek was restored through one private property and City property. | | |
| Proposed Size / Units | 350.00 LINEAR FEET | Lifespan | 25 Years |
| Actual Size/Units | 350.00 LINEAR FEET | Installed Date | 31-Aug-15 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for Stewart Creek Stream Restoration | | | |
|--|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 4 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | stewart crk | | |

| Grant Activity - SSL-070 Pederson Technical-Engineering | | | |
|---|--|----------|-----------|
| Description | SSL-070 Pederson Technical-Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 10-Oct-13 | End Date | 31-Oct-15 |
| Has Rates and Hours? | No | | |
| Actual Results | landowner visit/consult. project design. Feb 1 2017: Completed one-year inspection. | | |

| Grant Activity - SSL-085/090 Sylvester & Wuchter Technical-Engineering | | | |
|--|---|----------|-----------|
| Description | SSL-085/090 Sylvester & Wuchter Technical and Engineering | | |
| Category | TECHNICAL/ENGINEERING ASSISTANCE | | |
| Start Date | 1-Apr-13 | End Date | 19-Nov-14 |
| Has Rates and Hours? | No | | |
| Actual Results | SWCD hired consultants to complete project design. 210 feet of retaining wall installed to repair emergency flood damage. | | |

| Grant Activity - SSL-085/090 Sylvester & Wuckter Construction | | | |
|---|---|----------|-----------|
| Description | SSL-085/090 Sylvester & Wuchter Construction | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 20-Aug-14 | End Date | 19-Nov-14 |
| Has Rates and Hours? | No | | |
| Actual Results | SWCD hired consultants to complete project design. 210 feet of retaining wall installed to repair emergency flood damage. | | |

| Activity Action - soil nail wall | | | |
|----------------------------------|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | soil nail wall | | |
| Proposed Size / Units | 210.00 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 210.00 LINEAR FEET | Installed Date | 19-Nov-14 |
| Mapped Activities | 1 Line(s) | | |

| Final Indicator for soil nail wall | | | |
|------------------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 253.58 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Superior | | |

| Final Indicator for soil nail wall | | | |
|------------------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 220.50 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Superior | | |

| Final Indicator for soil nail wall | | | |
|------------------------------------|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 220.50 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Superior | | |

| Grant Activity - SSL-098 Neas Construction_2017 | | | |
|---|---|----------|--|
| Description | SSL-098 Neas Construction E. Amity Crk. - 300 feet of restoration. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | | | |

Grant Activity - SSL-098 Neas Technical-Engineering_2017

| | | |
|-----------------------------|---|-----------------|
| Description | SSL-098 Neas Technical-Engineering Amity Crk. | |
| Category | STREAMBANK OR SHORELINE PROTECTION | |
| Start Date | 1-Sep-16 | End Date |
| Has Rates and Hours? | No | |
| Actual Results | Feb 1 2017: Cost share contract was signed. Design begun. | |

Grant Activity - SSL-099 Demaioribus Construction_2017

| | | |
|-----------------------------|--|-----------------|
| Description | SSL-099 Demaioribus Construction 500 feet of Tischer Creek restoration. | |
| Category | STREAMBANK OR SHORELINE PROTECTION | |
| Start Date | | End Date |
| Has Rates and Hours? | No | |
| Actual Results | | |

Grant Activity - SSL-099 Demaioribus Technical-Engineering_2017

| | | |
|-----------------------------|---|-----------------|
| Description | SSL-099 Demaioribus Technical-Engineering Tischer Crk. | |
| Category | STREAMBANK OR SHORELINE PROTECTION | |
| Start Date | 1-Sep-16 | End Date |
| Has Rates and Hours? | No | |
| Actual Results | Feb 1 2017: Cost share contract was signed. Design begun. | |

Grant Activity - SSL-100 Johnston, L. Construction_2017

| | | | |
|-----------------------------|---|-----------------|--|
| Description | SSL-100 Johnston, L. Construction Coffee Creek 120 feet-removing pipe to clear drainageway next to house. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | | | |

Grant Activity - SSL-100 Johnston, L. Technical-Engineering_2017

| | | | |
|-----------------------------|---|-----------------|--|
| Description | SSL-100 Johnston, L. Technical-Engineering Coffee Crk. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 1-Sep-16 | End Date | |
| Has Rates and Hours? | No | | |
| Actual Results | Feb 1 2017: Cost share contract was signed. Design begun. | | |

Grant Attachments

| Document Name | Document Type | Description |
|-------------------------------------|--------------------|--|
| Michaud final voucher signed | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 10/20/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/26/2017 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 09/26/2016 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 09/02/2016 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/03/2016 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/28/2016 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 10/20/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/26/2017 |

| Document Name | Document Type | Description |
|--|--------------------|--|
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 10/19/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 10/09/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 08/07/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 06/29/2015 |
| 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 - 03/25/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 01/29/2014 |
| Amendment | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Amendment | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Amendment | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| BARR Invoice Grobe \$476 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| BC Approved Work Plan Revisions | Journal | Journal Dated - 07/09/2015 |
| Barr Invoice Michaud \$277 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Barr invoice Menart \$971 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Betros O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Betros_AsBuilt | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny 2 MCC invoice | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny 2 Signed CS contract | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny 2 signed voucher | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny_Signed_CS_Contract | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Cherveny_invoice_final | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Grobe BARR geotech invoice Dec 2013 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Grobe Invoice 4345 dollars | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Grobe_Invoice_BARR_Geotech_Dec_2013_No_2 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Hansen O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |

| Document Name | Document Type | Description |
|---|---------------|--|
| Interim Financial Report | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Laird Davis O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Menart BARR geotech invoice Dec 2013 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Menart_Invoice_BARR_geotech_Dec_2013_No_2 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Michaud AsBuilt | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Michaud CS amendment signed | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Michaud signed amendment #2 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Michaud/Winklesky O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Michaud_Invoice1_Wall_Plan_8-6-14 | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Minotte O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Ozan AsBuilt | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Ozan O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Packingham O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Pederson O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Sylvester Wuchter O&M | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| Work Plan Revision Approval | Journal | Journal Dated - 07/25/2014 |
| amendment | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| county land authorization | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |
| voucher/final payment for cherveny project | Grant | 2012 - Minnesota Flood Relief Grant Phase 2 (St Louis, South SWCD) |