



Grant All-Detail Report

2012 - Community Partner Conservation Program

Grant Title - 2012 - Community Partner Conservation Program - Crow Wing (SWCD)

Grant ID - C13-1138

Organization - Crow Wing SWCD

| | | | |
|------------------------------|---------------------|---------------------------------|-----------------|
| Grant Awarded Amount | \$150,000.00 | Grant Execution Date | |
| Required Match Amount | \$37,500.00 | Grant End Date | 1/1/2020 |
| Required Match % | 25% | Grant Day To Day Contact | Melissa Barrick |

Budget Summary

| | Budgeted | Spent | Balance Remaining* |
|--------------------|---------------------|---------------------|--------------------|
| Total Grant Amount | \$149,999.75 | \$150,000.00 | \$0.00 |
| Total Match Amount | \$46,408.91 | \$45,908.91 | \$500.00 |
| Total Other Funds | \$0.00 | \$0.00 | \$0.00 |
| Total | \$196,408.66 | \$195,908.91 | \$500.00 |

**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 |
|--|------------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| 2012-2013-2014 WAPOA Shoreline Restoration Contest | Streambank or Shoreline Protection | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$11,250.00 | \$11,250.00 | 7/23/2014 | N |
| 2012-2013-2014 WAPOA Shoreline Restoration Contest | Streambank or Shoreline Protection | Landowner Fund | Community Partnership In-Kind/Cash Match | \$6,075.00 | \$6,075.00 | 7/23/2014 | Y |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|---|---------------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| Admin/Coordination Community Partners | Administration /Coordination | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$8,800.00 | \$9,723.66 | 11/19/2014 | N |
| Fifty Lakes Property Owners Association Renew Our Shoreline | Streambank or Shoreline Protection | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$3,686.00 | \$3,686.00 | 10/15/2014 | N |
| Fifty Lakes Property Owners Association Renew Our Shoreline | Streambank or Shoreline Protection | Landowner Fund | Community Partnership In-Kind, Cash Match | \$1,335.00 | \$1,335.00 | 10/15/2014 | Y |
| Legionville: Water Retention-Erosion Prevention Water Gardens | Urban Stormwater Management Practices | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$18,750.00 | \$18,750.00 | 10/15/2014 | N |
| Legionville: Water Retention-Erosion Prevention Water Gardens | Urban Stormwater Management Practices | Landowner Fund | Community Partnership In-Kind, Cash Match | \$8,515.00 | \$8,515.00 | 10/15/2014 | Y |
| Maintenance Agreements Community Partnership | Urban Stormwater Management Practices | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$3,229.36 | \$3,084.30 | 10/15/2014 | N |
| Maintenance Agreements Community Partnership | Urban Stormwater Management Practices | Landowner Fund | Community Partnership In-Kind Match | \$500.00 | | | Y |
| Northland Arboretum Rain Barrel Project | Urban Stormwater Management Practices | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$15,019.00 | \$15,019.00 | 11/7/2012 | N |
| Northland Arboretum Rain Barrel Project | Urban Stormwater Management Practices | Landowner Fund | Community Partnership In-Kind Match | \$14,877.50 | \$14,877.50 | 8/28/2012 | Y |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|---|---------------------------------------|---------------------|--|-------------|-------------|-----------------------|---------------|
| PCLIA Demo/education projects -- Shoreline revegetation and pervious treatment on an access path. | Streambank or Shoreline Protection | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$2,565.80 | \$2,565.80 | 10/16/2013 | N |
| PCLIA Demo/education projects -- Shoreline revegetation and pervious treatment on an access path. | Streambank or Shoreline Protection | Landowner Fund | Community Partnership In-Kind Match | \$1,474.12 | \$1,474.12 | 9/15/2012 | Y |
| PCLIA-Street Family Project | Streambank or Shoreline Protection | Current State Grant | 2012 - community partner conservation program - crow wing (s.. | \$8,922.59 | \$8,922.59 | 8/20/2014 | N |
| Pelican Lake Association | Urban Stormwater Management Practices | Current State Grant | 2012 - community partner conservation program - crow wing (s.. | \$13,660.00 | \$13,660.00 | 12/18/2013 | N |
| Pelican Lake Association-Match | Streambank or Shoreline Protection | Local Fund | 2012 Community Partners In-kind/Cash Match | \$5,688.29 | \$5,688.29 | 10/10/2013 | Y |
| Pete Thomes Verna Quaintance | Streambank or Shoreline Protection | Current State Grant | 2012 - community partner conservation program - crow wing (s.. | \$9,061.00 | \$9,061.00 | 12/18/2013 | N |
| Pete Thomes Verna Quaintance | Streambank or Shoreline Protection | Landowner Fund | 2012 Community Partnership in-kind match | \$4,464.00 | \$4,464.00 | 10/13/2013 | Y |
| Project Development Community Partnership | Project Development | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$23,180.00 | \$22,877.83 | 10/15/2014 | N |
| Technical/Engineering Community Partnership Grant | Technical/Engineering Assistance | Current State Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) | \$27,020.00 | \$26,543.82 | 12/17/2014 | N |
| Wild Ones Dog Park | Urban Stormwater Management Practices | Current State Grant | 2012 - community partner conservation program - crow wing (s.. | \$4,856.00 | \$4,856.00 | 12/17/2014 | N |

| Activity Name | Activity Category | Source Type | Source Description | Budgeted | Spent | Last Transaction Date | Matching Fund |
|--------------------|---------------------------------------|----------------|--------------------|------------|------------|-----------------------|---------------|
| Wild Ones Dog Park | Urban Stormwater Management Practices | Landowner Fund | Landowner Fund | \$3,480.00 | \$3,480.00 | 12/3/2014 | Y |

Activity Details Summary

| Activity Details | Total Action Count | Total Activity Mapped | Size / Unit |
|---|--------------------|-----------------------|-------------------|
| 580 - Streambank and Shoreline Protection | 36 | 6 | 4,902 LINEAR FEET |
| 712M - Bioretention Basin | 8 | 4 | 790 LINEAR FEET |
| 580 - Streambank and Shoreline Protection | 4 | 1 | 2 COUNT |
| 712M - Bioretention Basin | 6 | 9 | 20 COUNT |
| 612 - Tree/Shrub Establishment | 2 | 0 | 0 AC |
| 636 - Water Reuse | 2 | 3 | 500 COUNT |
| 612 - Tree/Shrub Establishment | 2 | 1 | 2 COUNT |

Indicators Summary

| Indicator Name | Total Value | Unit |
|--|-------------|--------------|
| SEDIMENT (TSS) | 39.04 | TONS/YR |
| SOIL (EST. SAVINGS) | 39.32 | TONS/YR |
| PATHOGENS (E. COLI) | 0.75 | CFU |
| VOLUME REDUCED (ACRE-FEET/YEAR) | 1,005.75 | ACRE-FEET/YR |
| PHOSPHORUS (EST. REDUCTION) | 108.20 | LBS/YR |

Grant Activity

Grant Activity - 2012-2013-2014 WAPOA Shoreline Restoration Contest

| | | | |
|------------------------|---|-----------------|-----------|
| Description | Shoreline restoration/improvement projects for landowners on the Whitefish and surrounding lakes where water testing is done by WAPOA. Money will be awarded to applicants by a team of judges from area organizations. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 25-Jun-12 | End Date | 20-Aug-14 |
| Rates and Hours | | | |
| Actual Results | WAPOA/Grantee installed 13 thirteen projects on Rush, Lower Hay, Whitefish, and Kimble lakes. 13 shoreline buffers on 1150 ft of shoreline and 5 raingardens. Published in WAPOA website, Northland Press and Pine River newspapers | | |

Activity Action - Engblom Shoreline buffer

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 276 sq ft shoreline buffer and a 224 sq ft rain garden. | | |
| Proposed Size / Units | 39 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 39 LINEAR FEET | Installed Date | 28-Aug-13 |

Final Indicator for Engblom Shoreline buffer

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 1.24 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |

Waterbody Ossawinnamakee

Final Indicator for Engblom Shoreline buffer

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 1.24 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |

Waterbody Ossawinnamakee

Final Indicator for Engblom Shoreline buffer

| | | | |
|------------------------------------|--|-------------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 1.05 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |

Waterbody Ossawinnamakee

Activity Action - Kreitz shoreline

| | | | |
|------------------------------|---|----------------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 2800 sq ft shoreline stabilization installed. | | |
| Proposed Size / Units | 400 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 280 LINEAR FEET | Installed Date | 1-Oct-13 |

Final Indicator for Kreitz shoreline

| | | | |
|------------------------------------|--|-------------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 6.55 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Bertha | | |

Final Indicator for Kreitz shoreline

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 7.70 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Bertha | | |

Final Indicator for Kreitz shoreline

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 7.70 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Lake Bertha | | |

Activity Action - Olson Shoreline Buffer

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Wilderness Park Shoreline Restoration installed. 30 feet in front of each of 31 lots. | | |
| Proposed Size / Units | 960 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 930 LINEAR FEET | Installed Date | 14-Sep-13 |

Final Indicator for Olson Shoreline Buffer

| | | | |
|------------------------------------|--|-------------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 4.68 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Cross Lake | | |

| Final Indicator for Olson Shoreline Buffer | | | |
|--|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 5.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Cross Lake | | |

| Final Indicator for Olson Shoreline Buffer | | | |
|--|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 5.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Cross Lake | | |

| Activity Action - Renschler Shoreline | | | |
|---------------------------------------|---|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 2500 sq ft shoreline buffer installed. | | |
| Proposed Size / Units | 100 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 100 LINEAR FEET | Installed Date | 5-Aug-13 |

| Final Indicator for Renschler Shoreline | | | |
|---|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 5.84 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee | | |

| Final Indicator for Renschler Shoreline | | | |
|---|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 6.88 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee | | |

| Final Indicator for Renschler Shoreline | | | |
|---|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 6.88 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee | | |

Activity Action - Riordan Shoreline Buffer

| | | | |
|------------------------------|--|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 2000 sq ft shoreline restoration installed on East Fox Lake. | | |
| Proposed Size / Units | 1 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 1 COUNT | Installed Date | 26-Aug-13 |

Final Indicator for Riordan Shoreline Buffer

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 5.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | East Fox Lake | | |

Final Indicator for Riordan Shoreline Buffer

| | | | |
|------------------------------------|--|-------------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 4.68 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | East Fox Lake | | |

Final Indicator for Riordan Shoreline Buffer

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | 5.5 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | East Fox Lake | | |

Activity Action - Carlson Shoreline

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Prepared site for future plantings, kill all invasive vegetation. | | |
| Proposed Size / Units | 85 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 85 LINEAR FEET | Installed Date | 26-Sep-13 |

Final Indicator for Carlson Shoreline

| | | | |
|------------------------------------|---|-------------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | .55 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |

| Final Indicator for Carlson Shoreline | | | |
|---------------------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | .55 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |

| Final Indicator for Carlson Shoreline | | | |
|---------------------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .47 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |

| Activity Action - Costa Shoreline | | | |
|-----------------------------------|--|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | erosion control and stabilization of shoreline hillside with plant plugs, trees, shrubs, grasses and sedges. | | |
| Proposed Size / Units | 26 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 26 LINEAR FEET | Installed Date | 16-Aug-13 |

| Final Indicator for Costa Shoreline | | | |
|-------------------------------------|---|------------------|--|
| Indicator Name | SEDIMENT (TSS) | Value | .39 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee Lake | | |

| Final Indicator for Costa Shoreline | | | |
|-------------------------------------|---|------------------|--|
| Indicator Name | SOIL (EST. SAVINGS) | Value | .39 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee Lake | | |

| Final Indicator for Costa Shoreline | | | |
|-------------------------------------|--|------------------|--|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .33 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Ossawinnamakee Lake | | |

| Activity Action - Moan/Sandcrest resort shoreline | | | |
|---|---|---------------------|--|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 500 sq ft restoration of wetland area. | | |
| Proposed Size / Units | 80 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 80 LINEAR FEET | Installed Date | 31-Aug-13 |
| Final Indicator for Moan/Sandcrest resort shoreline | | | |
| Indicator Name | SEDIMENT (TSS) | Value | .83 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |
| Final Indicator for Moan/Sandcrest resort shoreline | | | |
| Indicator Name | SOIL (EST. SAVINGS) | Value | .83 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |
| Final Indicator for Moan/Sandcrest resort shoreline | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 070 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Crosslake | | |
| Final Indicator for Moan/Sandcrest resort shoreline | | | |
| Indicator Name | PATHOGENS (E. COLI) | Value | .75 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) CFU | Calculation Tool | MIDS |
| Waterbody | Crosslake | | |
| Final Indicator for Moan/Sandcrest resort shoreline | | | |
| Indicator Name | SEDIMENT (TSS) | Value | .0685 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Crosslake | | |

Activity Action - Balzer shoreline buffer

| | | | |
|------------------------------|---|----------------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 171 plants within a 8 foot by 50 foot shoreline buffer. | | |
| Proposed Size / Units | 50 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 50 LINEAR FEET | Installed Date | 9-Oct-12 |

Final Indicator for Balzer shoreline buffer

| | | | |
|------------------------------------|------------------------------------|-------------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | 1.6 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Rush Lake | | |

Final Indicator for Balzer shoreline buffer

| | | | |
|------------------------------------|---|-------------------------|----------|
| Indicator Name | SEDIMENT (TSS) | Value | 0 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | WINSLAMM |
| Waterbody | Rush Lake | | |

Activity Action - Hamel shoreline buffer

| | | | |
|------------------------------|---|----------------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 396 plants within a 18 ft x 50 ft shoreline buffer. | | |
| Proposed Size / Units | 50 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 50 LINEAR FEET | Installed Date | 4-Sep-12 |

Final Indicator for Hamel shoreline buffer

| | | | |
|------------------------------------|------------------------------------|-------------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .1 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Lower Whitefish Lake | | |

Activity Action - Larson shoreline buffer

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 215 plants within five areas within shoreline buffer. | | |
| Proposed Size / Units | 40 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 40 LINEAR FEET | Installed Date | 22-Oct-12 |

| Final Indicator for Larson shoreline buffer | | | |
|---|------------------------------------|------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .2 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Hay Creek | | |

| Activity Action - Larson shoreline buffer 2 | | | |
|---|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed four 10 foot coir logs along shoreline as part of shoreline buffer project. | | |
| Proposed Size / Units | 40 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 40 LINEAR FEET | Installed Date | 15-Oct-12 |

| Final Indicator for Larson shoreline buffer 2 | | | |
|---|------------------------------------|------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .2 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Hay Creek | | |

| Activity Action - Rogers shoreline buffer | | | |
|---|---|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 308 plants within a 30 ft x 50 ft shoreline buffer. | | |
| Proposed Size / Units | 50 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 50 LINEAR FEET | Installed Date | 24-Sep-12 |

| Final Indicator for Rogers shoreline buffer | | | |
|---|------------------------------------|------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .1 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Whitefish Lake | | |

| Activity Action - Schultz shoreline buffer | | | |
|--|---|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Installed 380 plants within a 10 foot by 200 foot shoreline buffer. | | |
| Proposed Size / Units | 200 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 200 LINEAR FEET | Installed Date | 6-Aug-12 |

| Final Indicator for Schultz shoreline buffer | | | |
|--|---|------------------|----------|
| Indicator Name | SEDIMENT (TSS) | Value | .03 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | WINSLAMM |
| Waterbody | Kimble Lake | | |
| Final Indicator for Schultz shoreline buffer | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .1 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | WINSLAMM |
| Waterbody | Kimble Lake | | |
| Final Indicator for Schultz shoreline buffer | | | |
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | 1.4 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Kimble Lake | | |

| Grant Activity - Admin/Coordination Community Partners | | | |
|--|---|----------|-----------|
| Description | The Crow Wing SWCD staff or contracted staff with Employment Resources will pay bills, create invoices, track staff time and mileage, and complete semiannual reports and annual reports on August 1 and February 1 deadlines. SWCD staff will also keep the website up to date with grant information. The SWCD will complete BWSR financial reports and complete financial audit when required. | | |
| Category | ADMINISTRATION/COORDINATION | | |
| Start Date | 4-Apr-12 | End Date | 19-Nov-14 |
| Rates and Hours | | | |
| Actual Results | The Crow Wing SWCD Staff or Contract Staff with Employment Resources paid bills, created invoices, tracked staff time and mileage, and completed August 1, 2012 semiannual report. SWCD staff completed e-link reporting on November 19, 2014 | | |

| Grant Activity - Fifty Lakes Property Owners Association Renew Our Shoreline | | | |
|--|---|----------|-----------|
| Description | Complete at least one shoreline restoration project on each of the following lakes -- Eagle, Kego, and Mitchell. Attempt to locate each restoration site in a visible location as a demonstration for other property owners to observe. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 9-Jul-12 | End Date | 31-Dec-13 |
| Rates and Hours | | | |
| Actual Results | Grantee installed projects on Mitchell and Kego lakes in 2012. Installed project on West fox lake in 2013. | | |

| Activity Action - Stancer, Bob, Shoreline & Bank Restoration/Stabilization | | | |
|--|--|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 80 ft x 40 ft:3200 sqft Shoreline Stabilization & Buffer Restoration | | |
| Proposed Size / Units | 80 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 80 LINEAR FEET | Installed Date | 4-Jun-14 |

| Activity Action - Radman, Curt | | | |
|--------------------------------|--|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Curt Radman - FLPOA, shoreline transition zone buffer. coir logs to slow erosion were placed along 75ft of the shore. 75 x 10 ft ice ridge planted with native vegetation. | | |
| Proposed Size / Units | 75 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 75 LINEAR FEET | Installed Date | 13-Aug-14 |

| Final Indicator for Radman, Curt | | | |
|----------------------------------|------------------------------------|------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .2 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Mitchell | | |

| Final Indicator for Radman, Curt | | | |
|----------------------------------|---|------------------|----------|
| Indicator Name | SEDIMENT (TSS) | Value | .01 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | WINSLAMM |
| Waterbody | Mitchell Lake | | |

| Activity Action - Strohmeier shoreline stabilization | | | |
|--|--|---------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Planted 80 plants into 8 ten foot coir logs. | | |
| Proposed Size / Units | 80 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 80 LINEAR FEET | Installed Date | 29-Aug-12 |

| Activity Action - Strohmeier raingarden | | | |
|---|--|---------------------|-----------|
| Practice | 612 - Tree/Shrub Establishment | Count of Activities | 1 |
| Description | Installed 150 plants within a 12 foot by 10 foot raingarden. | | |
| Proposed Size / Units | 1 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 1 COUNT | Installed Date | 10-Aug-12 |
| Final Indicator for Strohmeier raingarden | | | |
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .2 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Kego Lake | | |

| Grant Activity - Legionville: Water Retention-Erosion Prevention Water Gardens | | | |
|--|--|----------|-----------|
| Description | We have eight large buildings 30x72 and eight medium buildings 24x50 that rain water runs off and runs into North Long Lake causing erosion and silting in the lake. Legionville Camp. | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 16-Jul-12 | End Date | 14-Oct-14 |
| Rates and Hours | | | |
| Actual Results | Installed 40x16 ft shoreline buffer/restoration with 40 ft of coir logs and native vegetation and 8 rain gardens in 2013. 2 more rain gardens in 2014 | | |

| Activity Action - Legacy Migrated Data | | | |
|--|--------------------------------|---------------------|-----------|
| Practice | 612 - Tree/Shrub Establishment | Count of Activities | 1 |
| Description | | | |
| Proposed Size / Units | AC | Lifespan | Unknown |
| Actual Size/Units | AC | Installed Date | 29-May-13 |

| Activity Action - Legionville | | | |
|-------------------------------|--|---------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 1 |
| Description | Build 7-10 raingardens to slow rainwater runoff and plant trees. | | |
| Proposed Size / Units | 8 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 8 COUNT | Installed Date | 29-May-13 |

| Final Indicator for Legionville | | | |
|---------------------------------|---|------------------|-------|
| Indicator Name | SEDIMENT (TSS) | Value | 0.336 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | North Long Lake | | |
| Final Indicator for Legionville | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 3.7 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | North Long Lake | | |

| Grant Activity - Maintenance Agreements Community Partnership | | | |
|---|--|----------|-----------|
| Description | The SWCD will cost-share to complete maintenance on cost-share projects with community partnership recipients. | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 25-Jun-12 | End Date | 31-Dec-14 |
| Rates and Hours | | | |
| Actual Results | Maintenance funds given to Barb Linn project and WAPOA projects. | | |

Grant Activity - Northland Arboretum Rain Barrel Project

| | | | |
|------------------------|--|-----------------|-----------|
| Description | Northland Arboretum will sell 250 rain barrels at reduced pricing (\$25.00). The Arb will also hold workshops to make the public aware of our need to conserve our precious water and reduce stormwater runoff with the use of rainbarrels. | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 21-Jun-12 | End Date | 21-Nov-12 |
| Rates and Hours | | | |
| Actual Results | <p>Northland Arboretum sold 250 rain barrels at \$25.00 plus tax. The Arboretum sold out of rain barrels before workshops were scheduled about rain barrel use so each person that purchased a rain barrel received one-on-one training.</p> <p>All publicity efforts were a huge success: the arb had ads on the local radio stations and in the local newspaper. Dale Braddy did local TV shows about rain barrel use. The arb published an article and had advertising in the Summer ArbLIFE newsletter, had a page on the rain barrels in our monthly July ArbLINK e-letter, and advertised the rain barrels on the Arb's street sign.</p> <p>Wyman at Midwest Sales provided shipping of rain barrels to the Arb. Lakes Printing gave the Arb the room in ArbLIFE newsletter for the advertising. ISD 181 group helped Arb staff with moving the rain barrels around as needed. Radio and print PSA's from local radio stations and newspapers to help get the word out that rain barrels were for sale.</p> <p>DNR Master Naturalists had a booth at the 4th Annual MN Country Sampler Picnic at the Arboretum where they had the rain barrels – gave out information on rain barrels and also sold rain barrels.</p> <p>The community backed our water barrel grant whole-heartedly, from PSA's to help unloading and moving around of water barrels to helping with sales and purchasing of water barrels. The water barrel grant exceeded the Arb's expectations!</p> | | |

Activity Action - 250 Rain barrels

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 636 - Water Reuse | Count of Activities | 1 |
| Description | Sold 250 Rain Barrels with one on one training and survey | | |
| Proposed Size / Units | 250 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 250 COUNT | Installed Date | 21-Nov-12 |

Final Indicator for 250 Rain barrels

| | | | |
|------------------------------------|------------------------------------|-------------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | 1.65 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |

| | |
|------------------|------------------------|
| Waterbody | Crow Wing County Lakes |
|------------------|------------------------|

Grant Activity - PCLIA Demo/education projects -- Shoreline revegetation and pervious treatment on an access path.

| | | | |
|------------------------|--|-----------------|-----------|
| Description | PCLIA, two private landowners, and a native plant consultant will partner to install a 25' x 75' revegetation project, creating a stable pervious surface on an access path. We will share information through the lake association newsletter, meetings, and project participation. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 13-Jun-12 | End Date | 05-Oct-13 |
| Rates and Hours | | | |
| Actual Results | Grantee held a workshop and installed one project on Portage lake in 2012. Installed the second project in fall 2013. | | |

Activity Action - DELETE

| | | | |
|------------------------------|---|----------------------------|--------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | | | |
| Proposed Size / Units | 1 COUNT | Lifespan | 1 Year |
| Actual Size/Units | COUNT | Installed Date | |

Activity Action - Linn

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | Linn - PCLIA | | |
| Proposed Size / Units | 56 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 56 LINEAR FEET | Installed Date | 15-Sep-12 |

Final Indicator for Linn

| | | | |
|------------------------------------|------------------------------------|-------------------------|----------|
| Indicator Name | VOLUME REDUCED (ACRE-FEET/YEAR) | Value | .1 |
| Indicator Subcategory/Units | STORMWATER MANAGEMENT ACRE-FEET/YR | Calculation Tool | WINSLAMM |
| Waterbody | Crooked Lake | | |

Grant Activity - PCLIA-Street Family Project

| | | | |
|------------------------|---|-----------------|-----------|
| Description | PCLIA-Street Family Shoreline Restoration | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 5-Oct-13 | End Date | 16-Oct-13 |
| Rates and Hours | | | |
| Actual Results | Shoreline resotration-1316 plants | | |

Activity Action - Street Family LLC

| | | | |
|------------------------------|--|----------------------------|-----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | 12 x 130 feet of envirogrid cellular confinement on steeply sloping access path. | | |
| Proposed Size / Units | 130 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 130 LINEAR FEET | Installed Date | 31-May-12 |

Grant Activity - Pelican Lake Association

| | | | |
|------------------------|---|-----------------|-----------|
| Description | <p>Pelican Lake Association: 2 Lake Accesses. PLA requests funding for two projects: South Access: This project will restore some of the shoreline buffer with native grass and flowers to stabilize from ice push and erosion as well as improve filtration from Stormwater runoff. Raingardens will be installed to filter Stormwater and prevent direct runoff from road to lake. Jones Bay: Raingardens installed in 2008 were too close to the OHW and dug below the water table resulting in improper function. Restoring the soils back to the pre-existing condition and adding native vegetation will provide detention and infiltration of Stormwater as it flows to the water's edge.</p> | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 26-Aug-13 | End Date | 23-Nov-13 |
| Rates and Hours | | | |
| Actual Results | <p>Pelican Lake Association: 2 Lake Accesses. South Access: installed four raingardens to manage the flow of water from the highway and the boat access. In addition, 120 ft of flexamat was installed to serve as a turn-around location and prevent erosion. fencing installed to prevent traffic on the gardens. Jones Bay: 8-10 ft of concrete was remove on both sides of the landing. two raingardens were built to provide detention and infiltration of stormwater as it moves towards the water's edge. fencing installed to prevent traffic on the gardens.</p> | | |

Activity Action - Pelican Lake-Jones Bay

| | | | |
|------------------------------|---|----------------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 2 |
| Description | 2 raingardens built to provide detention and infiltration of stormwater. fencing installed. concrete removed. | | |
| Proposed Size / Units | 350 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 350 LINEAR FEET | Installed Date | 23-Nov-13 |

Final Indicator for Pelican Lake-Jones Bay

| | | | |
|------------------------------------|--|-------------------------|------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 0.89 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Pelican Lake | | |

Final Indicator for Pelican Lake-Jones Bay

| | | | |
|------------------------------------|---|-------------------------|------|
| Indicator Name | SEDIMENT (TSS) | Value | 0.08 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Pelican Lake | | |

| Activity Action - Pelican Lake-South Access | | | |
|---|---|---------------------|--|
| Practice | 712M - Bioretention Basin | Count of Activities | 4 |
| Description | 4 raingardens installed, fencing, and flexamat installed. | | |
| Proposed Size / Units | 4 COUNT | Lifespan | 10 Years |
| Actual Size/Units | 4 COUNT | Installed Date | 23-Nov-13 |
| Final Indicator for Pelican Lake-South Access | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | .90 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Pelican Lake | | |
| Final Indicator for Pelican Lake-South Access | | | |
| Indicator Name | SEDIMENT (TSS) | Value | .0815 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Pelican Lake | | |
| Final Indicator for Pelican Lake-South Access | | | |
| Indicator Name | SOIL (EST. SAVINGS) | Value | 8.25 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Pelican Lake | | |
| Final Indicator for Pelican Lake-South Access | | | |
| Indicator Name | SEDIMENT (TSS) | Value | 8.25 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Pelican Lake | | |
| Final Indicator for Pelican Lake-South Access | | | |
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 7.01 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | BWSR CALC (STREAM & DITCH STABILIZATION) |
| Waterbody | Pelican Lake | | |

| Grant Activity - Pelican Lake Association-Match | | | |
|---|---|----------|-----------|
| Description | Pelican Lake Association-Match Volunteer time to do site work, planting and prep. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 26-Aug-13 | End Date | 23-Nov-13 |
| Rates and Hours | | | |
| Actual Results | 241 hours of volunteer time. planting shoreline buffer, site work, sprinkler install, | | |

| Grant Activity - Pete Thomes Verna Quaintance | | | |
|---|------------------------------------|----------|-----------|
| Description | Pete Thomes Verna Quaintance | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 15-Jun-13 | End Date | 25-Jun-13 |
| Rates and Hours | | | |
| Actual Results | | | |

| Grant Activity - Pete Thomes Verna Quaintance | | | |
|---|--|----------|-----------|
| Description | Pete Thomes, Verna Quaintance. Conduct an educational workshop for area Boy Scouts and neighbors to plant 8375 sq ft of a steep bare shoreline with prairie/savanna species, rework a rock and timber area to eliminate severe runoff with basins and shrubs, install 250' of willow wattle and 1625 sq ft of buffer planting. | | |
| Category | STREAMBANK OR SHORELINE PROTECTION | | |
| Start Date | 15-Jun-13 | End Date | 25-Jun-13 |
| Rates and Hours | | | |
| Actual Results | Installed 250 ft of willow wattle on shore of grave lake. planted 5000+ plants on 10,000 sq ft of hillside adjacent to shore. Conducted an educational workshop for area Boy Scouts and neighbors to plant 8375 sq ft of a steep bare shoreline with prairie/savanna species, rework a rock and timber area to eliminate severe runoff with basins and shrubs. | | |

| Activity Action - Shoreline Buffer | | | |
|------------------------------------|--|---------------------|----------|
| Practice | 580 - Streambank and Shoreline Protection | Count of Activities | 1 |
| Description | plant 8375 sqft of steep bare shoreline with prairie/savanna species, rework a rock and timber are to eliminate severe runoff with basins and shrubs. install 250 ft of willow wattle and 1625sqft buffer. | | |
| Proposed Size / Units | 250 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 250 LINEAR FEET | Installed Date | 1-Jul-13 |

| Final Indicator for Shoreline Buffer | | | |
|--------------------------------------|---|------------------|------|
| Indicator Name | SOIL (EST. SAVINGS) | Value | 2.48 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Grave Lake | | |

| Final Indicator for Shoreline Buffer | | | |
|--------------------------------------|--|------------------|------|
| Indicator Name | PHOSPHORUS (EST. REDUCTION) | Value | 2 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR | Calculation Tool | MIDS |
| Waterbody | Grave Lake | | |

| Final Indicator for Shoreline Buffer | | | |
|--------------------------------------|---|------------------|------|
| Indicator Name | SEDIMENT (TSS) | Value | 1.59 |
| Indicator Subcategory/Units | WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR | Calculation Tool | MIDS |
| Waterbody | Grave lake | | |

Grant Activity - Project Development Community Partnership

| | | | |
|------------------------|---|-----------------|-----------|
| Description | The SWCD will utilize lessons learned from past stormwater projects to develop a mini grant program to provide cost-share assistance to citizen groups of CWC. The SWCD will develop and implement a mini grant program. The SWCD will use media resources including press releases, website postings, and radio and public TV interviews to notify the public about the mini grant program. The SWCD will develop overview description, eligible applicants, eligible activities, ineligible activities, eligible cost, grant timeline, application materials, and review process. SWCD will create an interagency review team to review and score all applications. The SWCD board will make all final decisions on grantees. The SWCD will coordinate with grantees to complete all required materials and contracts. The SWCD will also work the City of Brainerd, Central Lakes College, and others to complete a capacity building for the Best Management Practices for the Little Buffalo Creek Subwatershed. | | |
| Category | PROJECT DEVELOPMENT | | |
| Start Date | 4-Apr-12 | End Date | 31-Dec-14 |
| Rates and Hours | | | |
| Actual Results | The SWCD developed overview description, eligible applicants, eligible activities, ineligible activities, eligible cost, grant timeline, application materials, and review process. SWCD created an interagency review team to review and score all applications. The SWCD board made all final decisions on grantees. The SWCD staff coordinated with grantees to complete all required materials and contracts. The SWCD worked with the City of Brainerd to complete a stormwater analysis of the Little Buffalo Creek. SWCD provided grantee agreements to all grantees. | | |

Grant Activity - Technical/Engineering Community Partnership Grant

Description

The Crow Wing SWCD staff will review all project plans, project plant lists, and complete a site visit before and after the project is completed. The SWCD will complete inspection in year 1 and year 2. The SWCD will require grantees that have difficult projects to have a professional engineer design and engineer the plan.

Qualifications: SWCD staff will have NRCS technical approval authority for raingarden, shoreline buffers, and shoreline stabilization. Technical Service Area Joint Powers Board Engineer will review or engineer raingardens, and shoreline stabilization projects as needed.

Project Manager: Beth Hippert- Crow Wing SWCD technician will design shoreline buffers, shoreline stabilization projects, and modify rain gardens, as needed, based on the Minnesota Stormwater Manual. She is certified as a stormwater inspector in erosion and sediment control practices and has a B.S. in Environmental Studies from Bemidji State University. Also, she has four years of experience installing projects through the BWSR State Cost-Share program.

Darren Meyers, Crow Wing SWCD Technician, will complete project development, preparation, installation, and assessment. Darren earned a B.S. in Biology from the University of New Mexico. In 2010, he worked as an intern for DNR Shoreland Specialist Heather Baird.

Provide technical assistance to the City of Brainerd, Central Lakes College to complete Best Mangment Practice study in Little Buffalo Creek Subwatershed.

Category

TECHNICAL/ENGINEERING ASSISTANCE

Start Date

4-Apr-12

End Date

31-Dec-14

Rates and Hours

Actual Results

SWCD Staff reviewed project plans for seven installations, project plant lists for seven projects, and completed site visits for four projects in 2012.

| Grant Activity - Wild Ones Dog Park | | | |
|-------------------------------------|---|----------|-----------|
| Description | Wild Ones Dog Park. A new dog park is being constructed in Brainerd Spring 2013. It will be located on a piece of land adjacent to the Mississippi River and Boom Lake. The Wild Ones organization is interested in doing community projects that educate the public about the water-quality benefits of landscaping with native plants. | | |
| Category | URBAN STORMWATER MANAGEMENT PRACTICES | | |
| Start Date | 21-May-13 | End Date | 19-Nov-14 |
| Rates and Hours | | | |
| Actual Results | Created the first dog park in the Brainerd Lakes Area, with 10x100 ft shrub filter strip on west fence line, 10x100 ft infiltration swale on south fence line, and 10x20 ft infiltration basin near south entrance to parking lot at dog park. | | |

| Activity Action - Wild Ones Dog Park | | | |
|--------------------------------------|--|---------------------|-----------|
| Practice | 712M - Bioretention Basin | Count of Activities | 3 |
| Description | 10 x100 feet shrub filter strip on west fence line, 10x100 feet infiltration swale on south fence line, and 10 x 20 infiltration basin near south entrance to parking lot. | | |
| Proposed Size / Units | 220 LINEAR FEET | Lifespan | 10 Years |
| Actual Size/Units | 220 LINEAR FEET | Installed Date | 15-Oct-14 |

Grant Attachments

| Document Name | Document Type | Description |
|--------------------|--------------------|--|
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 02/13/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/18/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 09/23/2013 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 09/23/2013 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 08/23/2013 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/18/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 03/18/2015 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 12/29/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 12/03/2014 |
| All Details Report | Workflow Generated | Workflow Generated - All Details Report - 08/13/2014 |

| Document Name | Document Type | Description |
|--|---------------|--|
| Crow Wing SWCD Community Partnership Financial Report (2) | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| Crow Wing Soil and Water Conservation District Mail - Draft Rain Barrel Agreement.pdf | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| Financial Report | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1249.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1252.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1372.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1406.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1483.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1488.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| IMG_1531.JPG | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| Map of Barrel Locations | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| Map of Barrel Locations.pdf | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| Rain Barrels Sold.xls | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| grant_app_general-added.rpt | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| grant_app_general-added.rpt | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |
| grant_app_general.rpt | Grant | 2012 - Community Partner Conservation Program - Crow Wing (SWCD) |

