



## FY 18 - 19 Biennial Budget Request St Louis, South SWCD

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|--|-----------------------|-----------------------|-------------------|
| Total Requested Biennial State Contribution: | <b>\$2,861,816.00</b> | BBR ID                | <b>BBR16-3852</b> |
| Total Leveraged Funds                        | \$782,803.00          | Submitted Date        | 4/15/2016         |
| Total Resource Project and Activities Budget | \$3,644,619.00        | Staff Contact         | R.C. Boheim       |
| Total BMPs                                   | 51                    | Board Conservationist | Erin Loeffler     |
| Total FTEs                                   | 6.1                   |                       |                   |

### SWCD Program Grant Summary

| Grant Source               | Estimated Amount Available | Estimated Amount Budgeted |
|----------------------------|----------------------------|---------------------------|
| SWCD Conservation Delivery | <b>\$37,578.00</b>         | <b>\$37,578.00</b>        |
| SWCD State Cost-Share      | <b>\$14,238.00</b>         | <b>\$14,238.00</b>        |

### Water Resources of Concern

| Primary Water Resource of Concern                     | Water Resource Category | Watershed             | Impairments | Trend           |
|---|-------------------------|-----------------------|-------------|-----------------|
| <b>Miller Creek</b>                                   | Surface Water           | St. Louis River       | Yes         | Not Enough Data |
| <b>Amity Creek</b>                                    | Surface Water           | Lake Superior - South | Yes         | Not Enough Data |
| <b>Organization Wide - Surface &amp; Ground Water</b> | Surface & Ground Water  |                       | Yes         | Not Enough Data |
| <b>Kingsbury Creek</b>                                | Surface Water           | St. Louis River       | Yes         | Not Enough Data |

### Activity Summary

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|---|--|-------------------------------|-----------|
| Water Resource Name                         | <b>Miller Creek</b>                            |                               |           |
| Activity Description                        | <b>Stream restoration project near Kohl's</b>  |                               |           |
| Activity Category                           | Streambank or Shoreline Protection             | Capital Improvement Project?  | <b>No</b> |
| Source of State Contribution                | BWSR Clean Water Fund - Projects and Practices | Estimated # of FTEs           |           |
| Total Requested Biennial State Contribution | \$800,000.00                                   | Estimated Number of Practices | <b>1</b>  |

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| Estimated Leveraged Funds  | \$200,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$1,000,000.00  | Action or Objective (from plan) | <b>Priority Concern #3 Ground and Surface Waters</b>                       |
| Describe how this activity could be accomplished in the biennium | Restore 3,500 feet of Miller Creek along the channelized stretch in the Miller Creek Division, Outlot B. Restore trout habitat, channel morphology and the riparian area to reduce temperatures and improve both terrestrial and aquatic habitat. Flooding may also be mitigated. |                                 |  |

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| Water Resource Name  | <b>Miller Creek</b>  |                                 |  |
| Activity Description   | <b>Miller Hill Mall stormwater plan BMP installation</b>   |                                 |  |
| Activity Category  | Urban Stormwater Management Practices  | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | BWSR Clean Water Fund - Projects and Practices   | Estimated # of FTEs             |  |
| Total Requested Biennial State Contribution                      | \$100,000.00   | Estimated Number of Practices   | <b>6</b>   |
| Estimated Leveraged Funds  | \$25,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$125,000.00   | Action or Objective (from plan) | <b>Priority Concern #1: Development</b>                                    |
| Describe how this activity could be accomplished in the biennium | Install Stormwater Best Management Practices for temperature in the parking lot(s) at the Miller Hill Mall. Practices would reflect priorities, designs and cost estimates provided in the Miller Hill Mall Stormwater Management Plan completed in under a CWF grant. |                                 |  |

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| Water Resource Name                         | <b>Amity Creek</b>                             |                               |  |
| Activity Description                        | <b>Stream restoration</b>                      |                               |  |
| Activity Category                           | Streambank or Shoreline Protection             | Capital Improvement Project?  | <b>No</b>  |
| Source of State Contribution                | BWSR Clean Water Fund - Projects and Practices | Estimated # of FTEs           |  |
| Total Requested Biennial State Contribution | \$1,000,000.00                                 | Estimated Number of Practices | <b>1</b>   |
| Estimated Leveraged Funds                   | \$250,000.00                                   | Plan Type                     | County Comprehensive Local Water Management Plan (non- |

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|--|--|---------------------------------|--|
| Projects & Activities Budget                                     | \$1,250,000.00   | Action or Objective (from plan) | metro counties only)<br><b>Priority Concern #3 Ground and Surface Waters</b> |
| Describe how this activity could be accomplished in the biennium | Complete stream restoration needs that will be highlight in our current amity Creek stresser identification study. |                                 |  |

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| Water Resource Name  | <b>Organization Wide - Surface &amp; Ground Water</b>                             |                                 |  |
| Activity Description   | <b>MPCA Watershed Restoration and Protection Strategy support</b>                 |                                 |  |
| Activity Category  | Monitoring/Data Collection  | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | MN Pollution Control Agency   | Estimated # of FTEs             | <b>1.2</b>   |
| Total Requested Biennial State Contribution                      | \$200,000.00  | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$1.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$200,001.00  | Action or Objective (from plan) | <b>Priority Concern #3 Ground and Surface Waters</b>                       |
| Describe how this activity could be accomplished in the biennium | SWCD staff will work with MPCA staff to monitor streams within selected watershed |                                 |  |

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| Water Resource Name  | <b>Organization Wide - Surface &amp; Ground Water</b>                 |                                 |  |
| Activity Description   | <b>Technical assistance, project management, project development.</b> |                                 |  |
| Activity Category  | Technical/Engineering Assistance                                      | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | SWCD Local Capacity Funds   | Estimated # of FTEs             | <b>1.4</b>   |
| Total Requested Biennial State Contribution                      | \$110,000.00  | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$5,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$115,000.00  | Action or Objective (from plan) | <b>Priority Concern #3 Ground and Surface Waters</b>                       |
| Describe how this activity could be accomplished in the biennium |   |                                 |  |

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| Water Resource Name  | <b>Organization Wide - Surface &amp; Ground Water</b> |  |  |
| Activity Description | <b>SWCD Flood Recovery - DNR funded</b>               |  |  |

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| Activity Category  | Technical/Engineering Assistance  | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | MN Dept. of Natural Resources   | Estimated # of FTEs             | 2.1  |
| Total Requested Biennial State Contribution                      | \$160,000.00  | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$1.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$160,001.00  | Action or Objective (from plan) | Priority Concern #3 Ground and Surface Waters                              |
| Describe how this activity could be accomplished in the biennium | SWCD staff will complete flood recovery projects on Mission, Sargant, and Chester Creeks. |                                 |  |

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| Water Resource Name  | Organization Wide - Surface & Ground Water                          |                                 |  |
| Activity Description   | SWCD Forester   |                                 |  |
| Activity Category  | Technical/Engineering Assistance                                    | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | SWCD Local Capacity Funds   | Estimated # of FTEs             | 0.6  |
| Total Requested Biennial State Contribution                      | \$90,000.00   | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$5,000.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$95,000.00   | Action or Objective (from plan) | Priority Concern #3 Ground and Surface Waters                              |
| Describe how this activity could be accomplished in the biennium | SWCD has hired a forester to deliver forestry technical assistance. |                                 |  |

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| Water Resource Name                         | Organization Wide - Surface & Ground Water     |                               |  |
| Activity Description                        | SWCD Program                                   |                               |  |
| Activity Category                           | Forestry Practices                             | Capital Improvement Project?  | No   |
| Source of State Contribution                | BWSR Clean Water Fund - Projects and Practices | Estimated # of FTEs           |  |
| Total Requested Biennial State Contribution | \$100,000.00                                   | Estimated Number of Practices | 40   |
| Estimated Leveraged Funds                   | \$25,000.00                                    | Plan Type                     | County Comprehensive Local Water Management Plan (non-metro counties only) |

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| Projects & Activities Budget                                     | \$125,000.00  | Action or Objective (from plan) | Priority Concern #3 Ground and Surface Waters - Special Concern: Forestry |
| Describe how this activity could be accomplished in the biennium | Provide forestry related technical and financial assistance |                                 |   |

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|--|--|---------------------------------|--|
| Water Resource Name  | <b>Organization Wide - Surface &amp; Ground Water</b>  |                                 |  |
| Activity Description   | <b>Technical assistance, project management, project development.</b>  |                                 |  |
| Activity Category  | Technical/Engineering Assistance   | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | SWCD Conservation Delivery   | Estimated # of FTEs             | 0.3  |
| Total Requested Biennial State Contribution                      | \$27,578.00  | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$206,800.00   | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$234,378.00   | Action or Objective (from plan) | Priority Concern #3 Ground and Surface Waters                              |
| Describe how this activity could be accomplished in the biennium | South St Louis SWCD staff will work in partnership with other agencies to provide technical and financial assistance to assist land occupiers with water quality protection projects and activities. |                                 |  |

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| Water Resource Name  | <b>Organization Wide - Surface &amp; Ground Water</b> |                                 |  |
| Activity Description   | <b>Administration and Board oversight</b>             |                                 |  |
| Activity Category  | Administration/Coordination                           | Capital Improvement Project?    | No   |
| Source of State Contribution                                     | SWCD Conservation Delivery                            | Estimated # of FTEs             | 0.5  |
| Total Requested Biennial State Contribution                      | \$10,000.00   | Estimated Number of Practices   |  |
| Estimated Leveraged Funds  | \$1.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$10,001.00   | Action or Objective (from plan) | Priority Concern #3 Ground and Surface Waters                              |
| Describe how this activity could be accomplished in the biennium | admin   |                                 |  |

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| Water Resource Name | <b>Organization Wide - Surface &amp; Ground Water</b> |  |  |
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| Activity Description   | <b>Stream restoration; erosion control; forestry; well sealing</b>  |                                 |  |
| Activity Category  | Streambank or Shoreline Protection  | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | SWCD State Cost-Share   | Estimated # of FTEs             |  |
| Total Requested Biennial State Contribution                      | \$14,238.00   | Estimated Number of Practices   | <b>2</b>   |
| Estimated Leveraged Funds  | \$3,500.00  | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$17,738.00   | Action or Objective (from plan) | <b>Priority Concern #3 Ground and Surface Waters</b>                       |
| Describe how this activity could be accomplished in the biennium | South St Louis SWCD staff will work in partnership with TSA staff to install projects that meet practice standards. |                                 |  |

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| Water Resource Name  | <b>Kingsbury Creek</b>  |                                 |  |
| Activity Description   | <b>Stream restoration</b>   |                                 |  |
| Activity Category  | Streambank or Shoreline Protection  | Capital Improvement Project?    | <b>No</b>  |
| Source of State Contribution                                     | BWSR Clean Water Fund - Projects and Practices  | Estimated # of FTEs             |  |
| Total Requested Biennial State Contribution                      | \$250,000.00  | Estimated Number of Practices   | <b>1</b>   |
| Estimated Leveraged Funds  | \$62,500.00   | Plan Type                       | County Comprehensive Local Water Management Plan (non-metro counties only) |
| Projects & Activities Budget                                     | \$312,500.00  | Action or Objective (from plan) | <b>Priority Concern #3 Ground and Surface Waters</b>                       |
| Describe how this activity could be accomplished in the biennium | Kingsbury Creek in Duluth is impaired for Fish and Invertebrate IBI Scores. A major stressor is lack of adequate habitat. This project would restore 1,500 feet of straightened channel in Kingsbury Creek to restore trout habitat, stable channel morphology and improve floodplain connectivity. |                                 |  |