

# **WATER RESOURCES ASSISTANCE PROGRAM**

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James Feeney

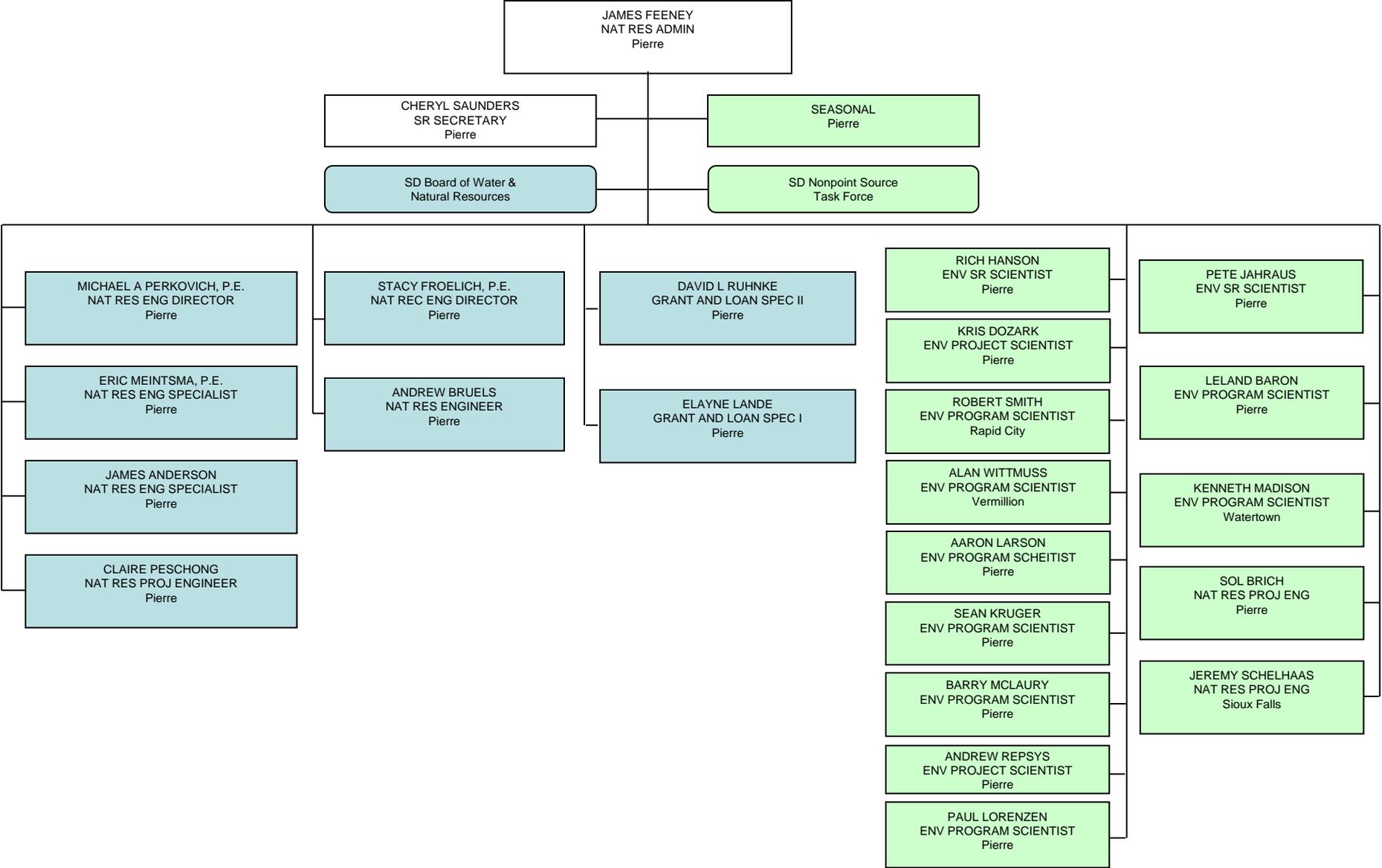
Natural Resources Administrator

Water Resources Assistance Program

Division of Financial & Technical Assistance

Dep't of Environment & Natural Resources

# WATER RESOURCES ASSISTANCE PROGRAM



# Water & Waste Funding Section

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- Staffing
    - Six engineers
    - Two grant and loan specialists
  - Support staff for Board of Water & Natural Resources
  - Dedicated Water & Waste Funding
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# Board of Water & Natural Resources

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- ❑ Seven member board appointed by Governor
  - ❑ Serves as governing board for the South Dakota Conservancy District
  - ❑ Statutory authority to administer:
    - Consolidated Water Facilities Construction Prog.
    - Solid Waste Management Program
    - Clean Water State Revolving Fund Program
    - Drinking Water State Revolving Fund Program
    - Special appropriations to major projects on the State Water Resources Management System
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# Water & Waste Funding Section

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- Technical assistance to applicants
  - Review funding applications
    - Program eligibility
    - Technical and financial viability
  - Funding recommendations
  - Grant & loan documents
  - Project construction inspections
  - Disburse funds on cost reimbursement basis
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# Dedicated Solid Waste Funding

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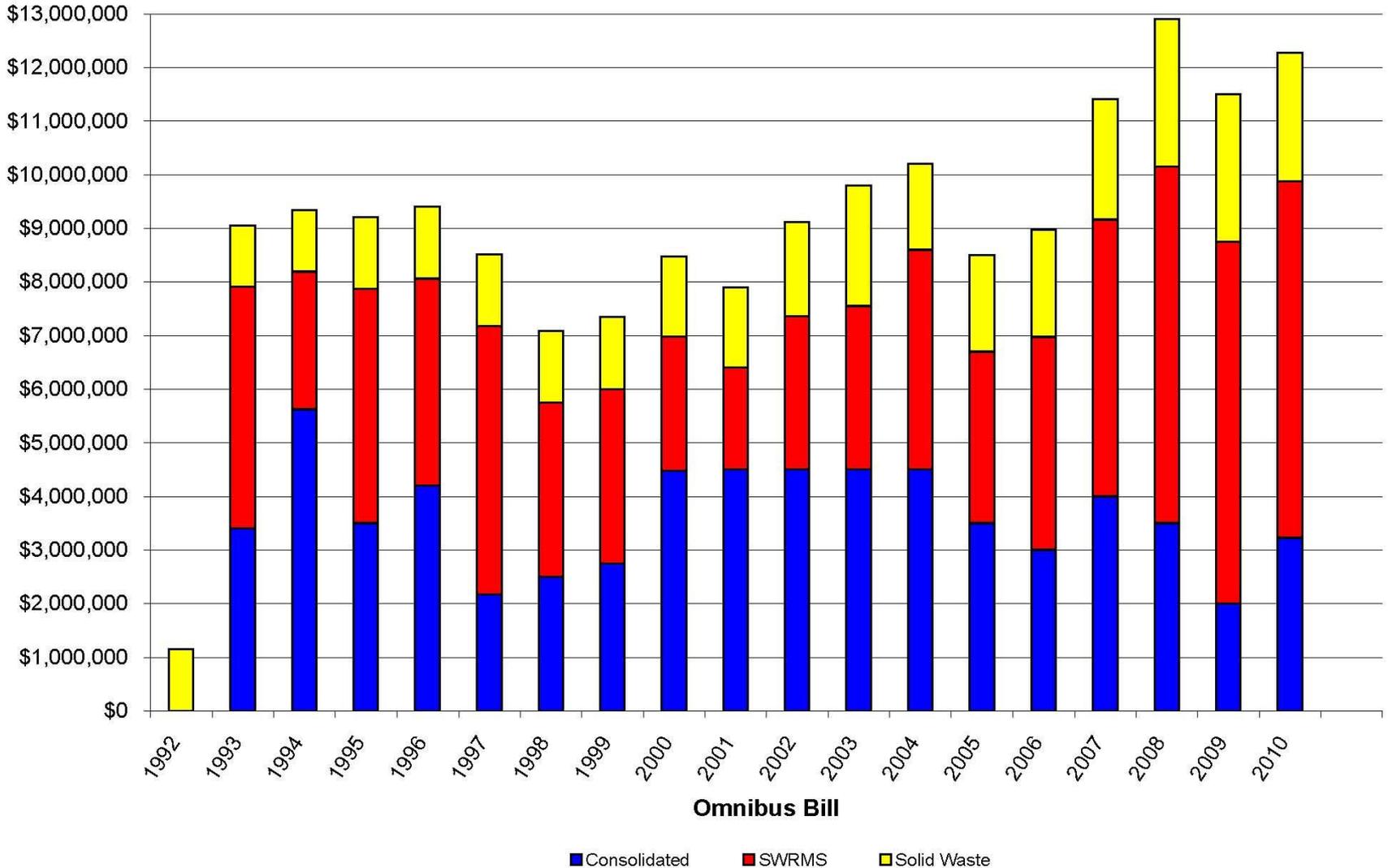
- Dedicated Solid Waste funding mechanism established in 1992
    - Tire Fee - \$1.075 million annually
    - Landfill Tipping Fee - \$437,500 annually
    - Loan repayments & Investment Interest
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# Dedicated Water Funding

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- Dedicated water funding mechanism established in 1993
  - Tank Inspection Fees and On-line Lottery proceeds (Powerball) are initially deposited in Capital Construction Fund (CCF)
    - 71.8% of CCF deposits transferred to Water & Environment Fund
  - Contractor's Excise Tax on major water projects
  - Loan payments and Investment Interest
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## Dedicated Water & Waste Funding 1992 - 2010 Omnibus Bills \$173.8 Million



# Consolidated Program

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- State program
  - Grants and loans
  - Types of Projects Funded
    - Drinking Water – SDCL 46A-1-93
    - Wastewater
    - Watershed Protection (nonpoint source pollution – watershed restoration)
    - Stormwater
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# Consolidated Program

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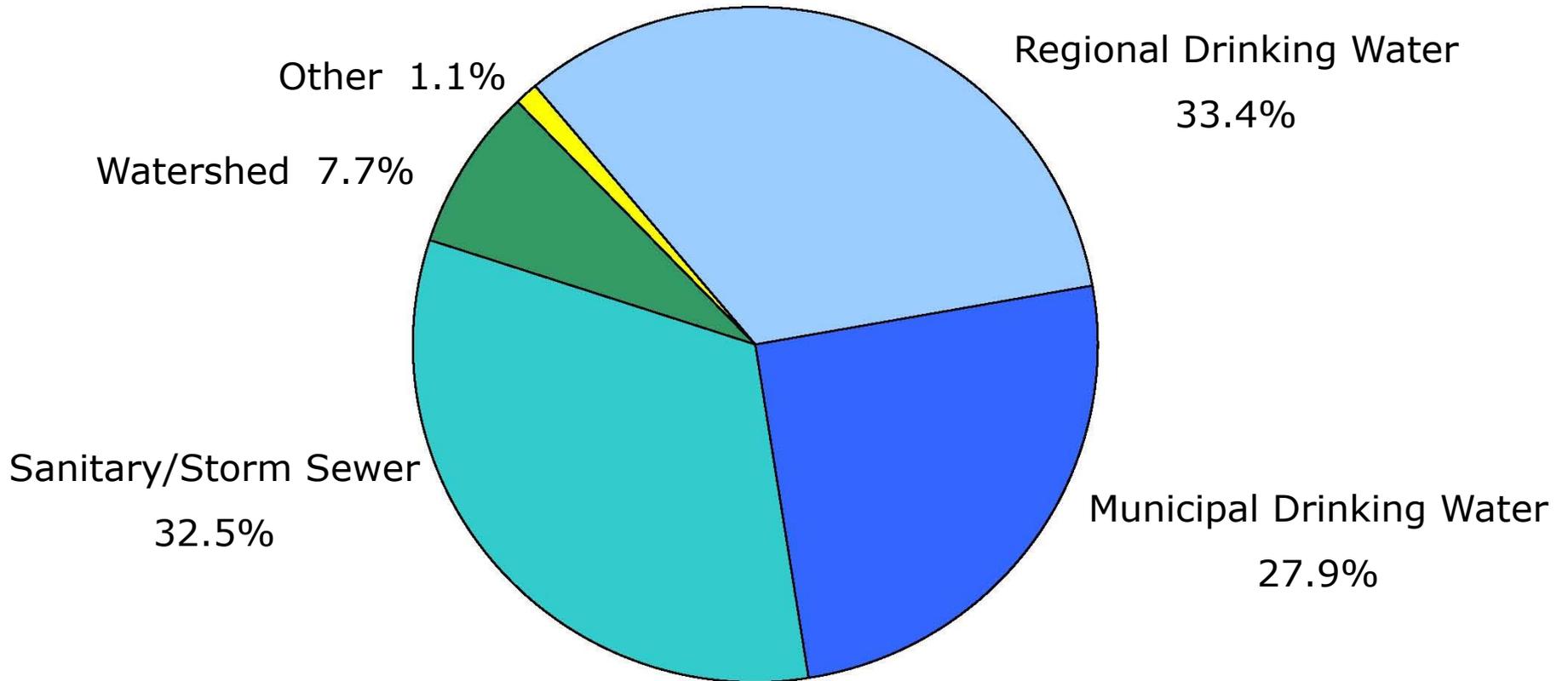
## □ Applicants

- Municipalities
  - Special Purpose Districts (sanitary, water users, and conservation)
  - Non-profits organized to provide water or wastewater services
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# Consolidated Program

\$65.5 Million

1993 - 2010



# State Water Resources Management System

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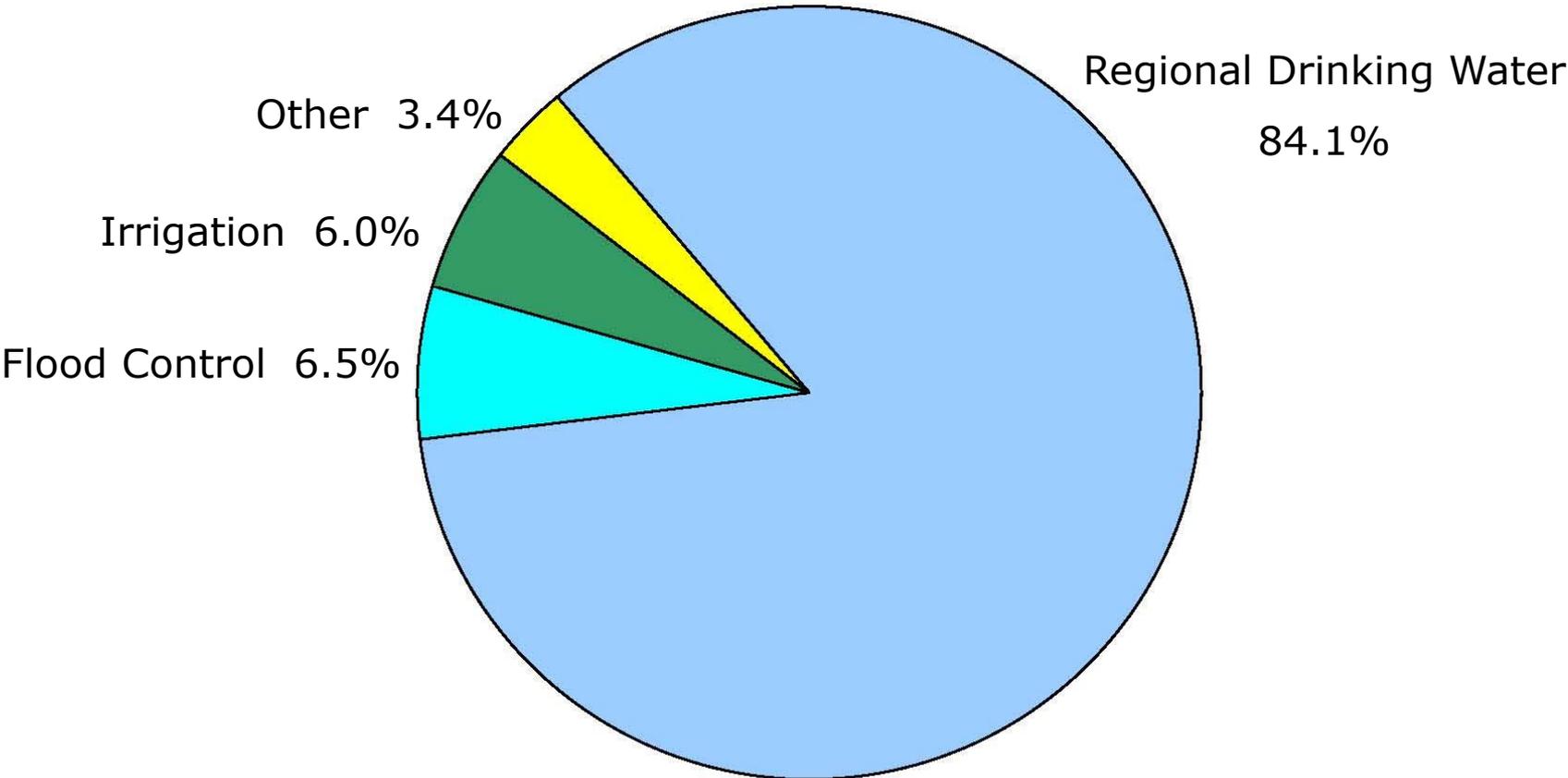
SDCL 46A-1-2.1 designates the water resources projects included on the State Water Resources Management System component of the State Water Plan that serve as the preferred, priority objectives of the State of South Dakota.

1. Big Sioux Flood Control Study
  2. Black Hills Hydrology and Water Management Study
  3. Cendak Irrigation Project
  4. Gregory County Pumped Storage Site
  5. Lake Andes-Wagner/Marty II Irrigation Unit
  6. Lewis and Clark RWS
  7. Mni Wiconi RWS
  8. Perkins County RWS
  9. Sioux Falls Flood Control Project
  10. Slip-Up Creek
  11. Southern Black Hills Water System
  12. Vermillion Basin Flood Control Project
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# State Water Resources Management System

\$72.2 Million

1993 - 2010



# State Revolving Fund Programs

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- Low-interest loan programs
  - Federal programs with state match
  - Borrowers
    - Municipalities
    - Special Purpose Districts (sanitary, water users, etc.)
    - Non-profits organized to provide drinking water services (non-profits not eligible for CWSRF program)
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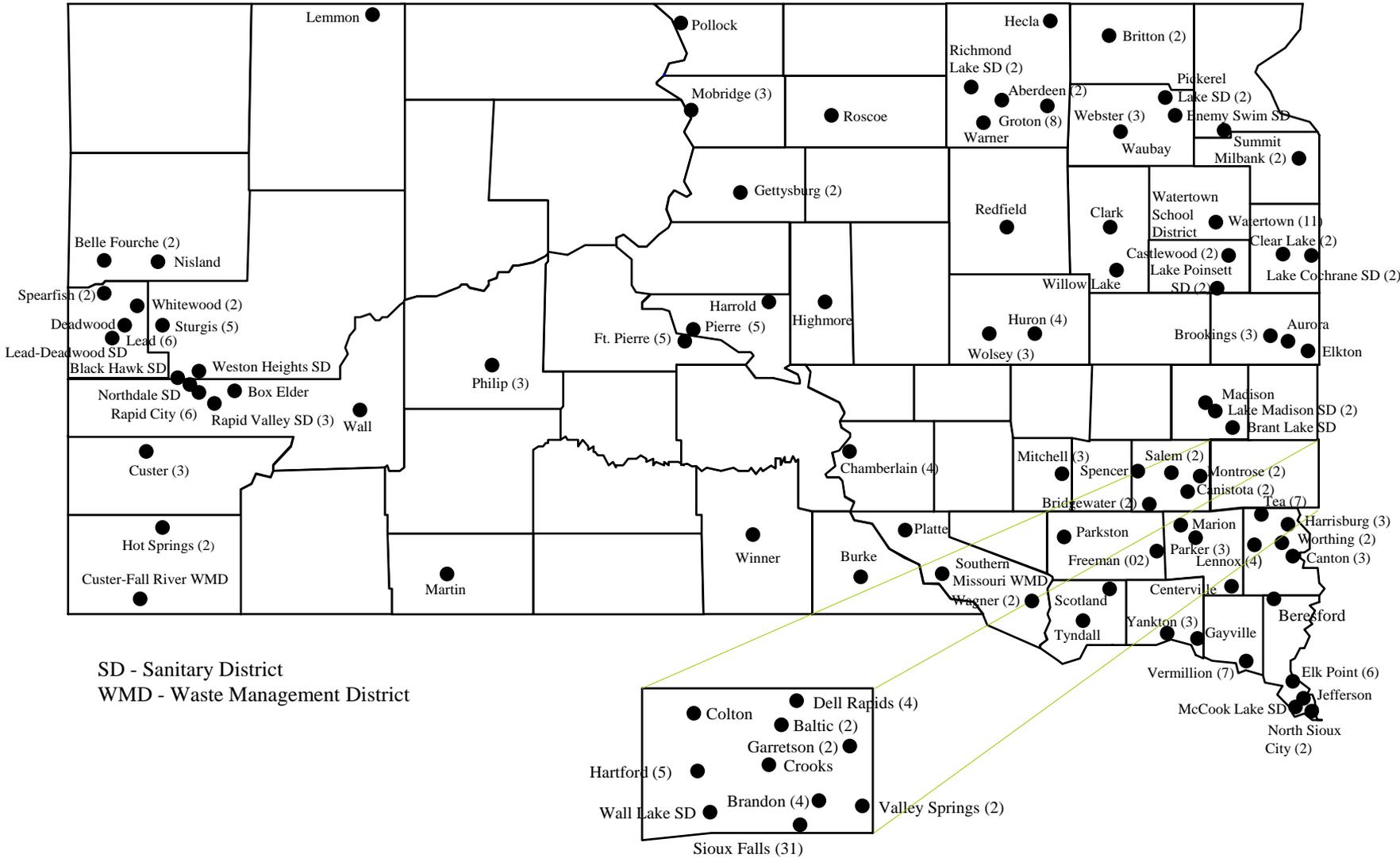
# SRF Rates

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- Federal SRF Acts require that loan rates are set below market rate
  
  - Base Rates
    - 2.25% for loans up to 10 years
    - 3% for loans up to 20 years
    - Rates include a 50 basis points administrative fee
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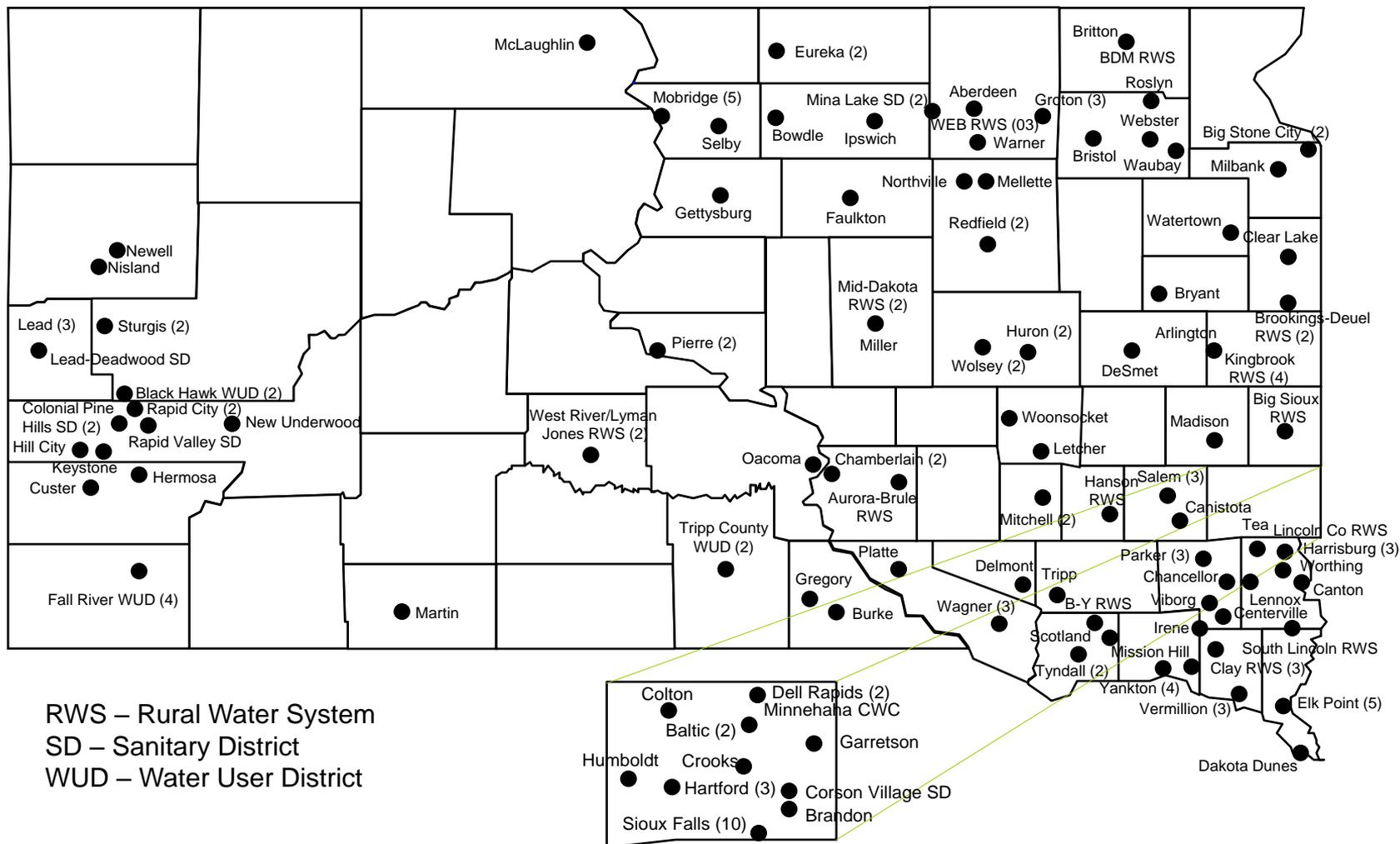
# Clean Water State Revolving Fund Program

\$380.0 Million – 257 Loans – 101 Borrowers



# Drinking Water State Revolving Fund Program

## \$256.8 Million – 170 Loans to 102 Borrowers



# SRF Program Bond Issues

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- ❑ SD Conservancy District
  - ❑ Tax-exempt revenue bonds
  - ❑ State Match Bonds - \$48.1 million
    - Clean Water Program: \$24,846,584
    - Drinking Water Program: \$23,279,720
  - ❑ Leveraged Bonds - \$163.5 million
    - Clean Water Program: \$102,789,360
    - Drinking Water Program: \$60,725,286
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# SRF Program Bond Issues

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- ❑ Aaa / VMIG 1 rating by Moody's Investors Services, Inc.
  - ❑ AAA / A-1+ rating by Standard & Poor's
  - ❑ Annual report to the Legislative Bond Review Committee
  - ❑ SRF Programs & Financial Statements audited annually by SD Department of Legislative Audit
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# Solid Waste Management Program

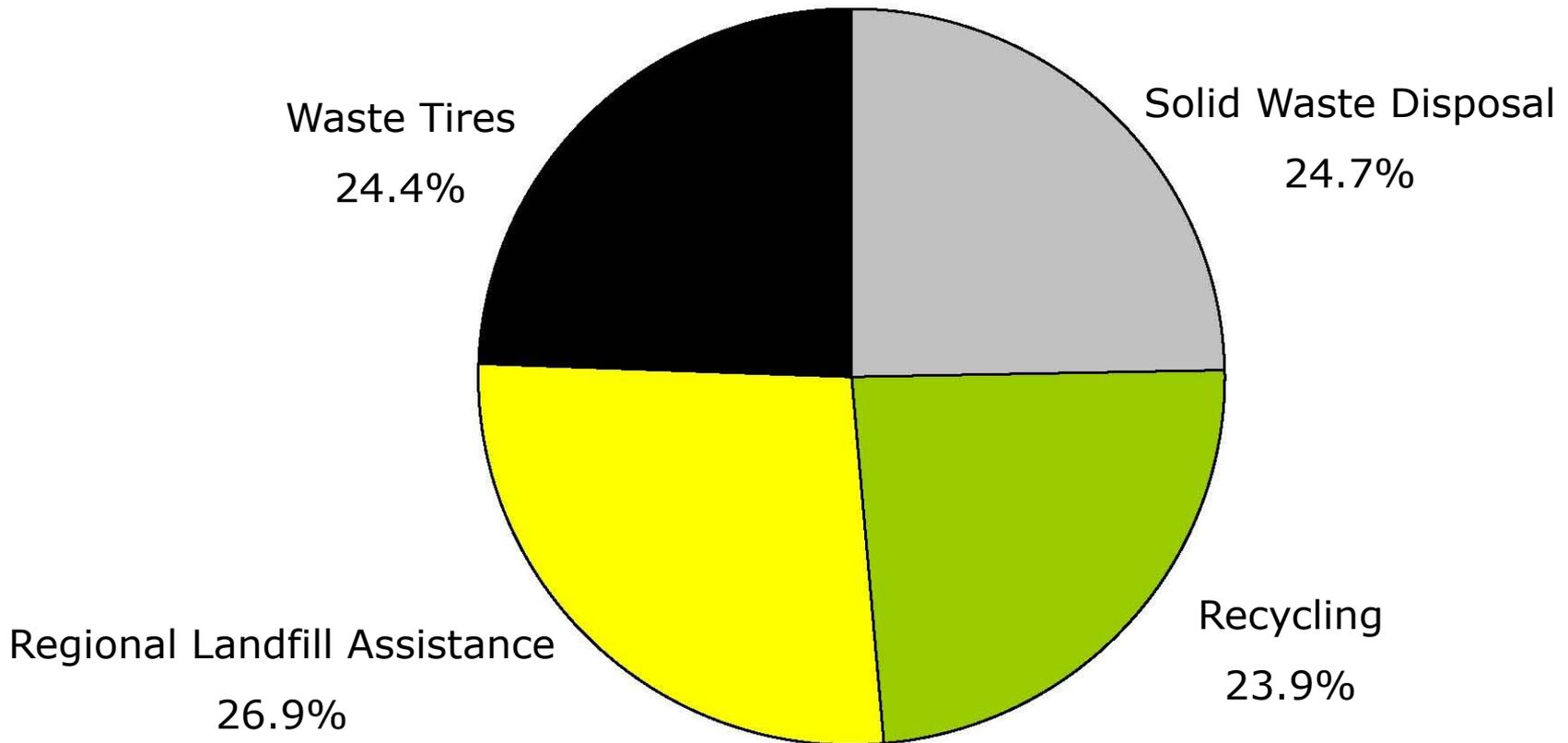
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- State program
  - Grants and loans
  - Types of Projects Funded
    - Recycling and Source Reduction
    - Solid Waste Disposal
    - Tires
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# Dedicated Solid Waste Fees

\$30.4 Million

1992 - 2010



# Watershed Protection Section

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- Staffing and organization
    - Twelve scientists
    - Two engineers
    - Assessment team
    - Implementation team
  - Nonpoint Source Pollution (NPS)
  - EPA Section 319 Grant Program
  - South Dakota NPS Task Force
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# Nonpoint Source Pollution

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Nonpoint Source (NPS) – water pollution from nonpoint sources, such as the polluted run-off from urban, agriculture, and forest lands.

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# Impaired Waterbodies

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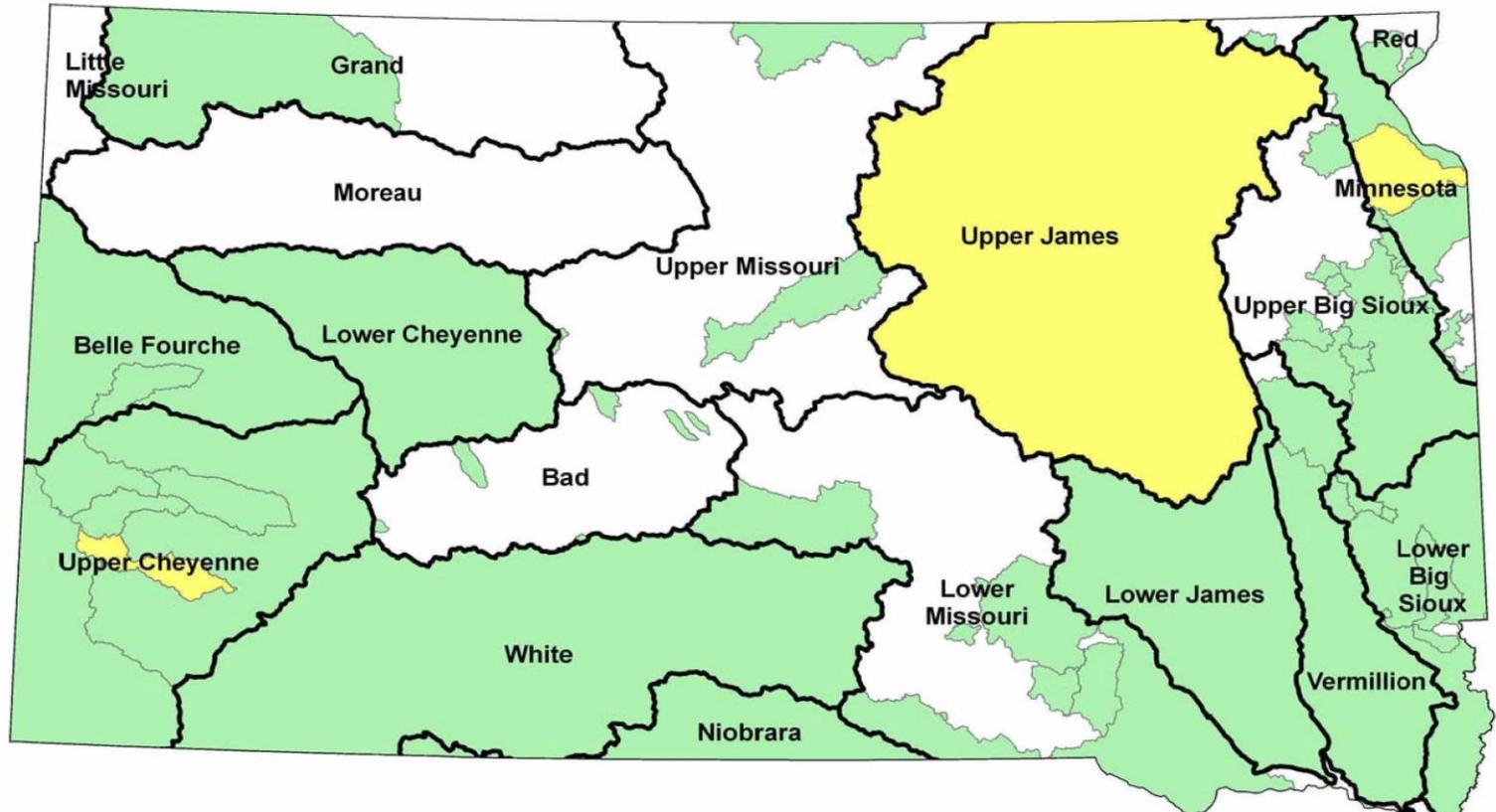
- Integrated Report – federal Clean Water Act requires biennial report to Congress identifying impaired lakes and stream segments.
  - Total Maximum Daily Load (TMDL) – a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources.
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# Watershed Protection Section

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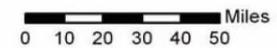
- Technical assistance to local sponsors
    - Develop watershed monitoring plans
    - Oversight of data collection
    - Develop project implementation plans
  - Data collection and analysis
  - Computer modeling of watersheds
  - Technical reports - watershed assessments, Total Maximum Daily Loads, and Integrated Report
  - Review funding applications
  - Funding recommendations to Task Force & BWNR
  - Grant documents
  - Disburse funds on cost reimbursement basis
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# South Dakota Nonpoint Pollution Assessment Projects

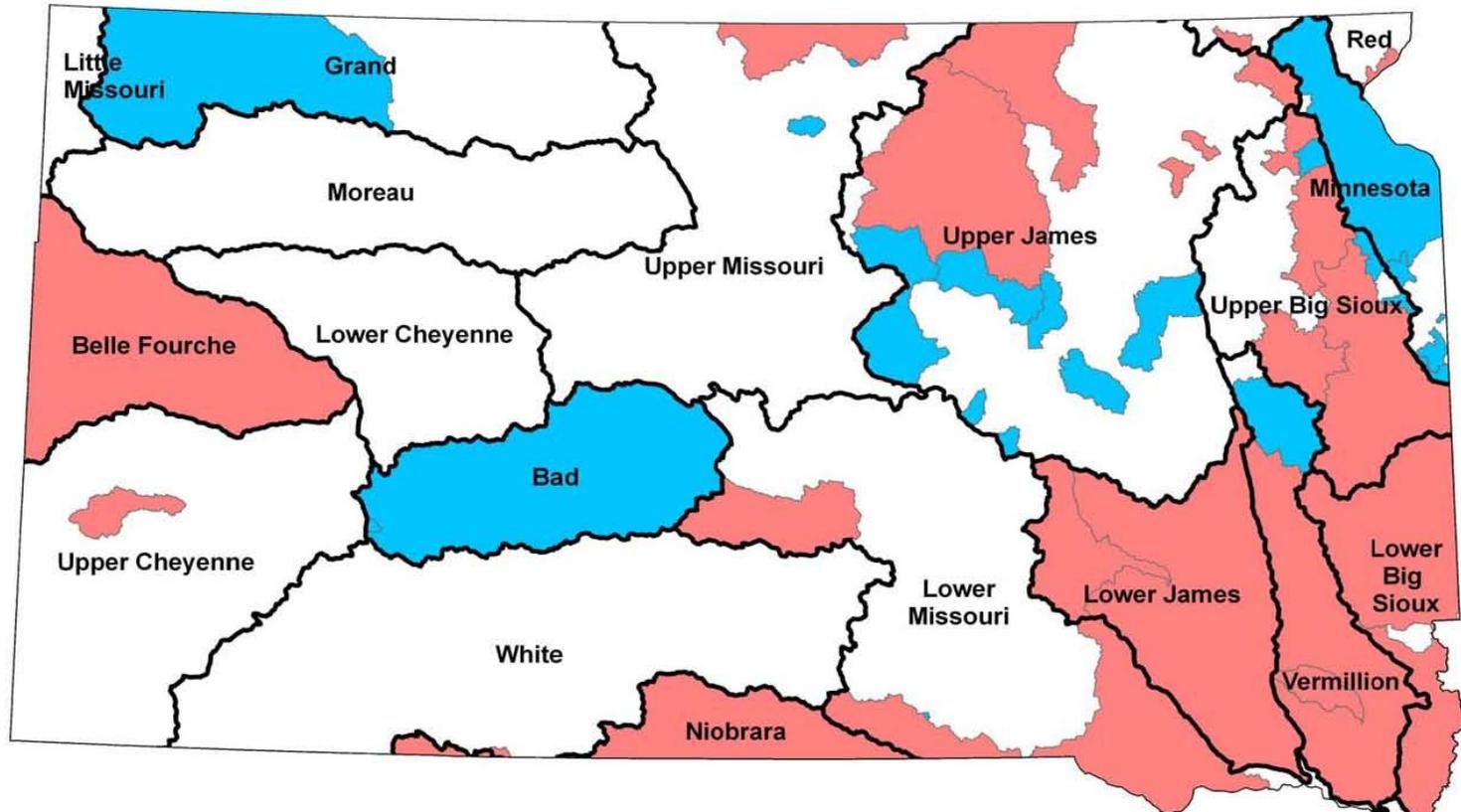


## Legend

-  Basins
-  Current Assessment Projects
-  Completed Assessment Projects

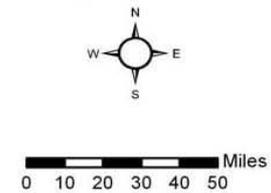


# South Dakota Nonpoint Pollution Implementation Projects



## Legend

-  Basins
-  Current Implementation Projects
-  Completed Implementation Projects



# Nonpoint Source Taskforce

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- US Forest Service
  - US Environmental Protection Agency
  - US Geological Survey
  - Natural Resources Conservation Service
  - US Bureau of Reclamation
  - Consolidated Farm Service Agency
  - SD Dept. of Environment and Natural Resources
  - SD Dept. of Agriculture
  - SD Dept. of Game, Fish and Parks
  - SD Conservation Commission
  - SD Assoc. of Conservation Districts
  - SDSU
  - Water Development Districts
  - SD Resources Coalition
  - Resource Conservation and Development Districts
  - Planning Districts
  - SD Farm Bureau
  - SD Pork Producers
  - SD Cattleman's Association
  - Izaak Walton League of America
  - Black Hills Regional Multiple Use Coalition
  - SD Lakes and Streams Association
  - Corn Growers Association
  - SD Wheat, Inc.
  - SD Association of Rural Water Systems
  - SD Grassland Coalition
  - US Fish and Wildlife Services
  - SD Dept. of Transportation
  - Lower Brule Sioux Tribe
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# NPS Financial Assistance

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## □ Federal Clean Water Act Pass-through Grant Awards (2003 – 2010)

- Section 319: \$23,718,089
- Section 106: \$ 2,392,909
- Section §604(b): \$ 884,018
- 48.5% awarded to Conservation Districts

## □ Use of Federal grant assistance

- Assessment projects: 18.5%
  - Implementation projects: 81.5%
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# NPS Nonfederal Grant Assistance

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## □ Sources (1993 – 2010)

- Consolidated Program: \$5,057,500
- SWRMS: \$875,000
- ENR Fee Funds: \$1,050,000
- CWSRF Water Quality Grants: \$311,000
- 58.4% awarded to Conservation Districts

## □ Uses

- Assessment projects: 14.4%
  - Implementation projects: 85.6%
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# Water Resources Assistance Program

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□ Questions

□ Additional information

■ 605.773.4216

■ <http://denr.sd.gov/dfta/wwf/wwf.aspx>

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