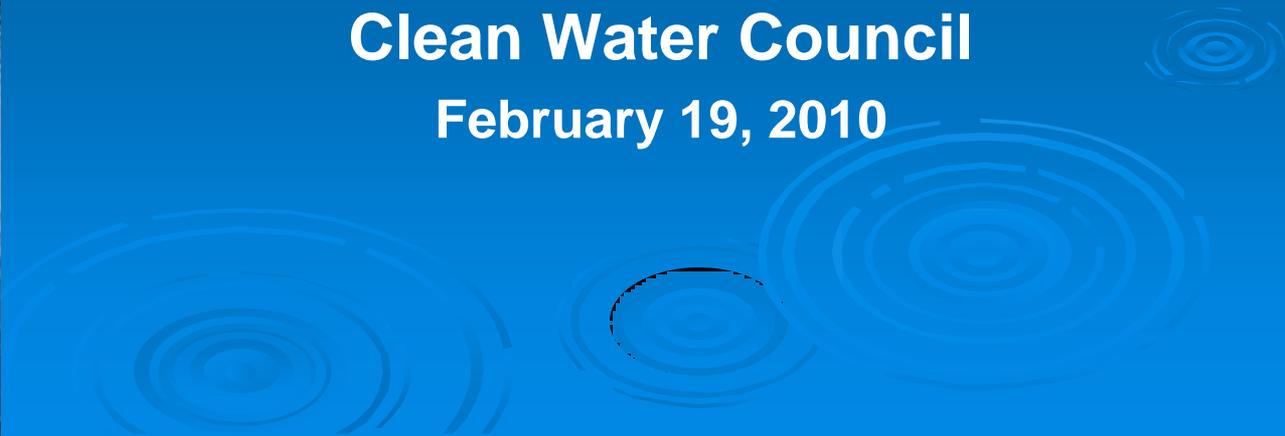




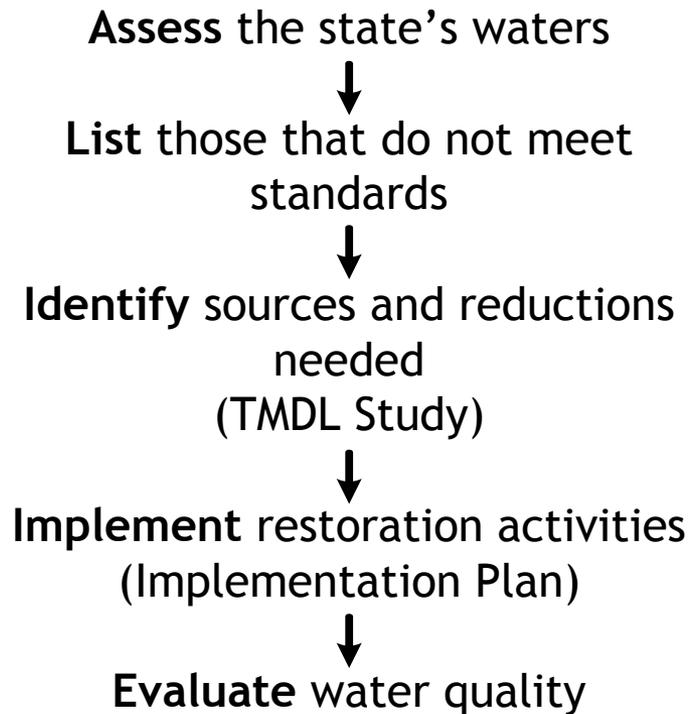
Summary Report of the Clean Water Council

Louis Smith & Earl Bukowski
Clean Water Council
February 19, 2010



Background

The TMDL Process



- Clean Water Legacy Act enacted in 2006 to provide authority, direction and resources to achieve CWA requirements
- One-time funding appropriated
- Clean Water Council created; convened 2007

Clean Water Council membership



Clean Water Council membership

Council Members:

David Bennett (Burnsville) – *fishing organizations*

Marilyn Bernhardson, Chair (Redwood Falls) – *soil and water conservation districts*

Pamela Blixt (Minneapolis) – *watershed districts*

Earl Bukowski (Sauk Rapids) – *rural counties*

Delvin Haag (Buffalo) – *cities*

Keith Hanson (Duluth) – *business organizations*

Scott Hoese (Mayer) – *statewide farm organizations*

John Howe (Red Wing) – *cities*

Gene Merriam (Coon Rapids) – *environmental organizations*

William Moore (Woodbury) – *Metropolitan Council*

Gary Pedersen (Dover) – *township officials*

Steven Pedersen (Coon Rapids) – *business organizations*

Victoria Reinhardt, Vice Chair (White Bear Lake) – *metro-area counties*

Todd Renville (Minneapolis) – *statewide hunting organizations*

Louis Smith (Minneapolis) – *lakes and streams nonprofit organization*

Sarah Strommen (Ramsey) – *environmental organizations*

Deborah Swackhamer (Stillwater) – *state higher education systems*

Paul Torkelson (St. James) – *statewide farm organizations*

Agency Representatives (non-voting):

Larry Kramka - *Department of Natural Resources*

Joe Martin - *Department of Agriculture*

Gaylen Reetz - *Minnesota Pollution Control Agency*

Steve Woods - *Board of Water and Soil Resources*

Current Vacancy:

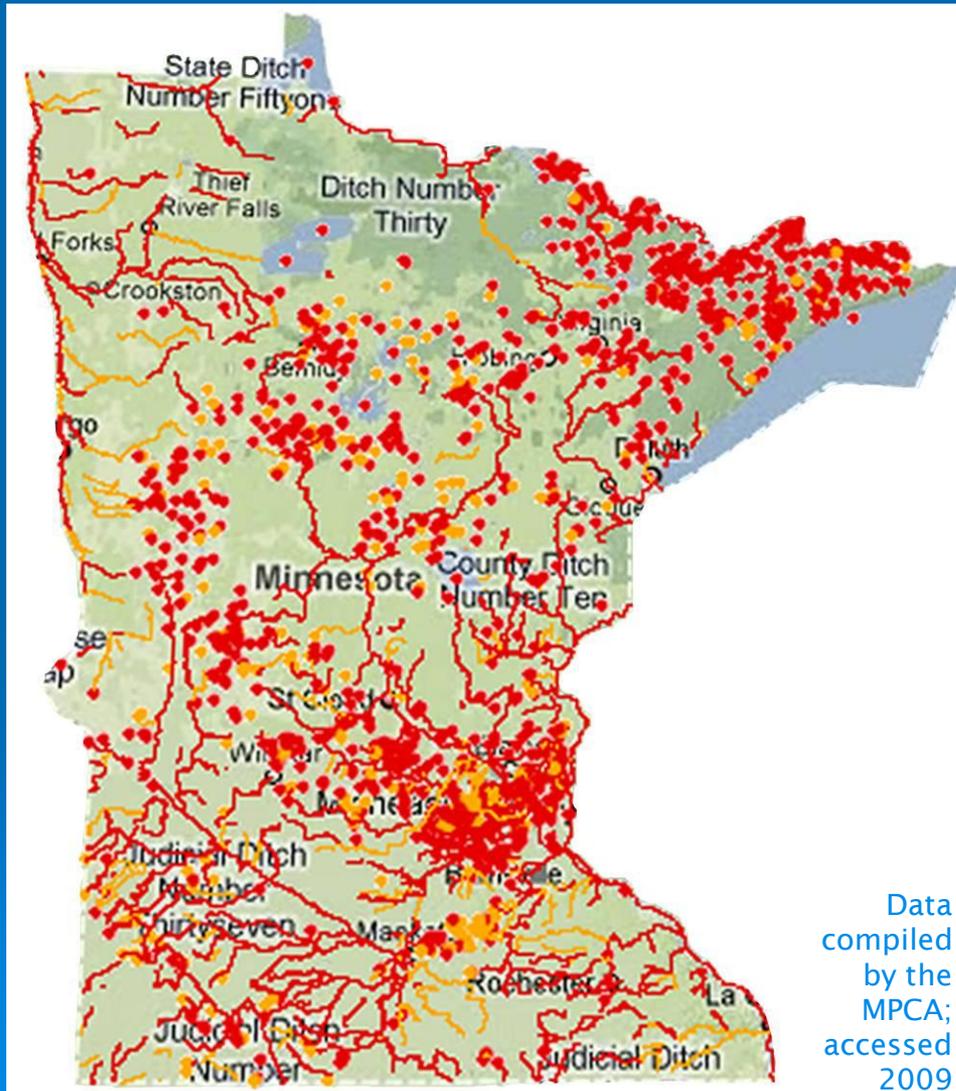
Representative of tribal governments

Clean Water Council Organizing Principles

- Civic Engagement
- Local Partnerships
- TMDL Priorities
- Work Integration
- Protection
- Monitoring
- Measurable Outcomes
- Strategic Research

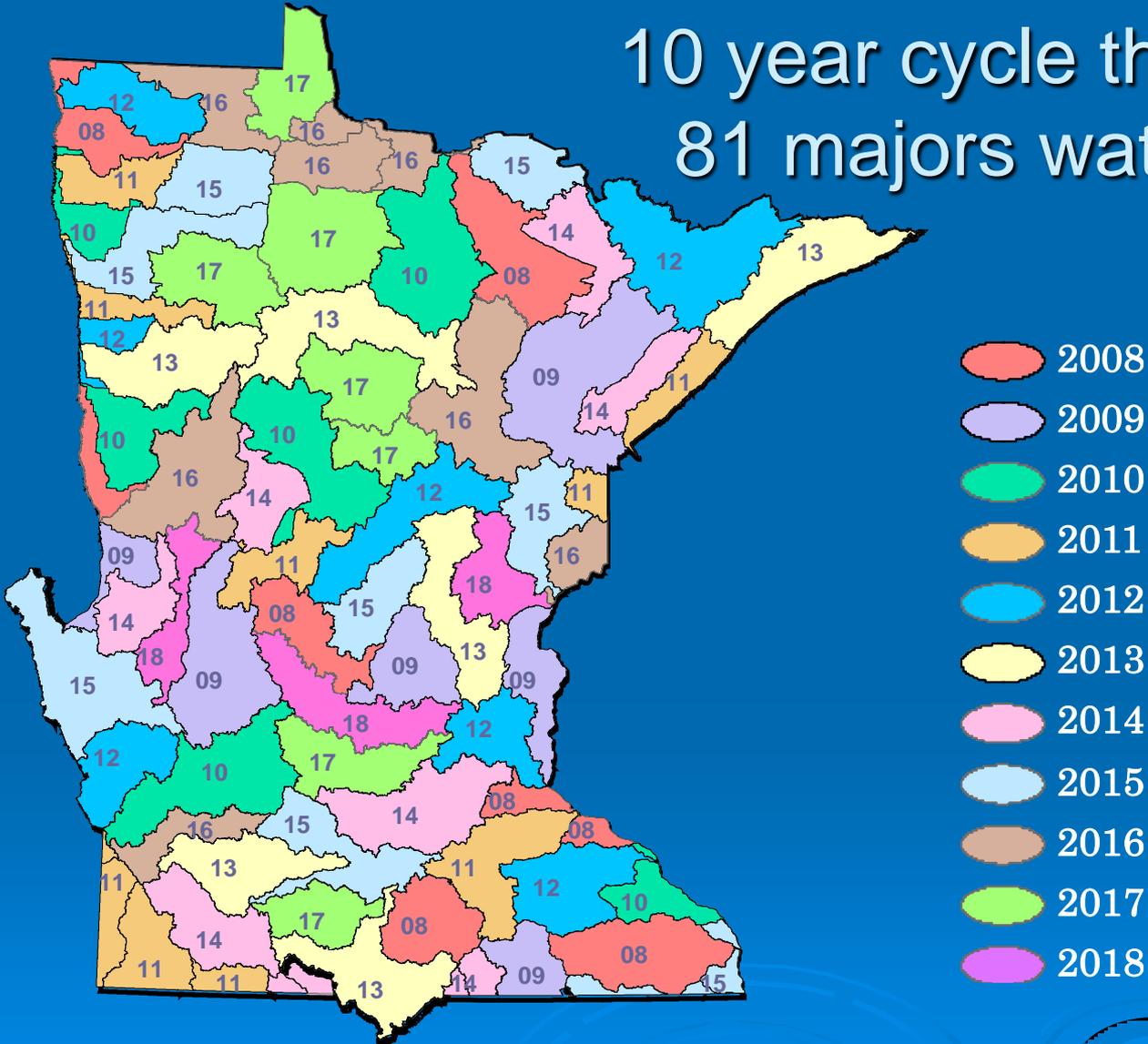


Challenges

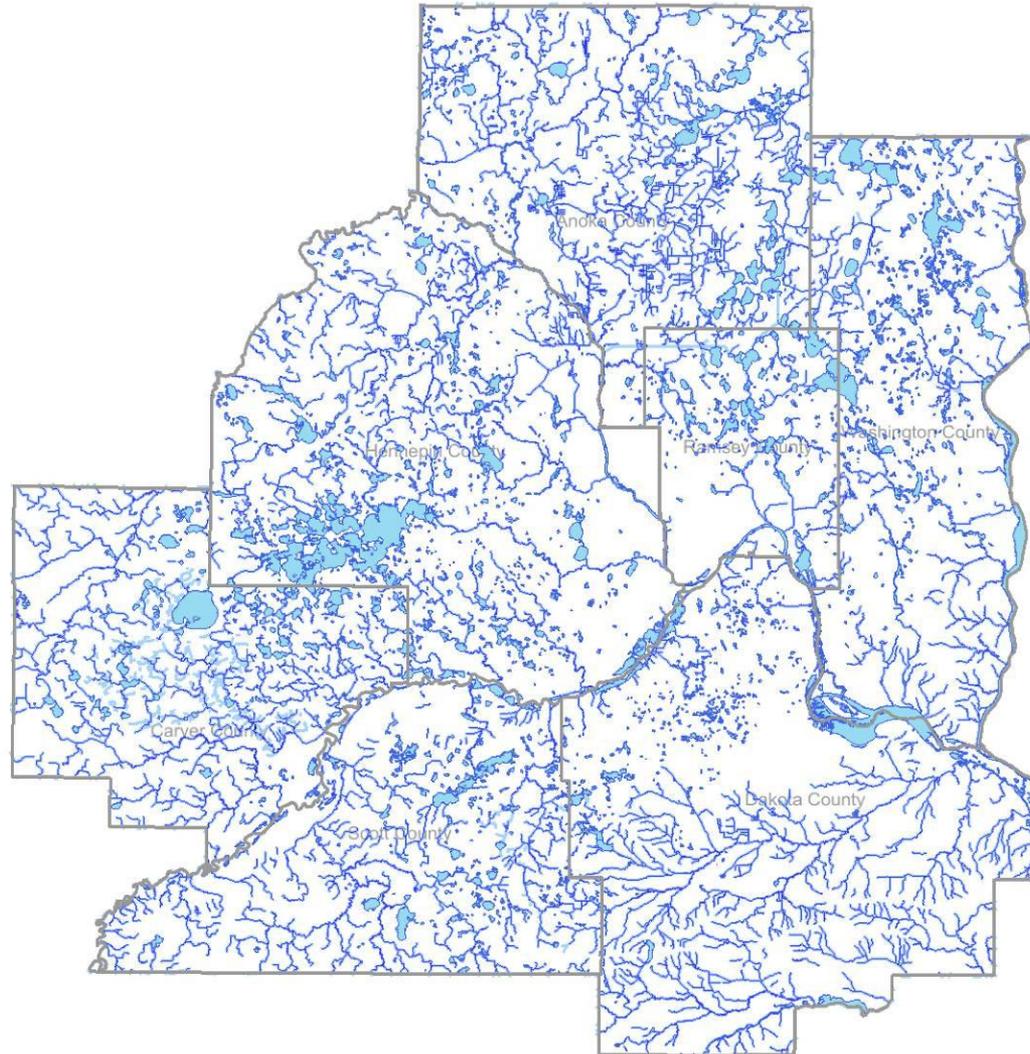


- More listings as monitoring ramps up
- Current approach driven by listings
- May complete a TMDL only to return to same area to do another
- Current TMDL schedule is out well over ten years
- Lacks predictability
- Close segments likely have similar problems: efficiency opportunities

Watershed Framework: 10 year cycle through the 81 majors watersheds



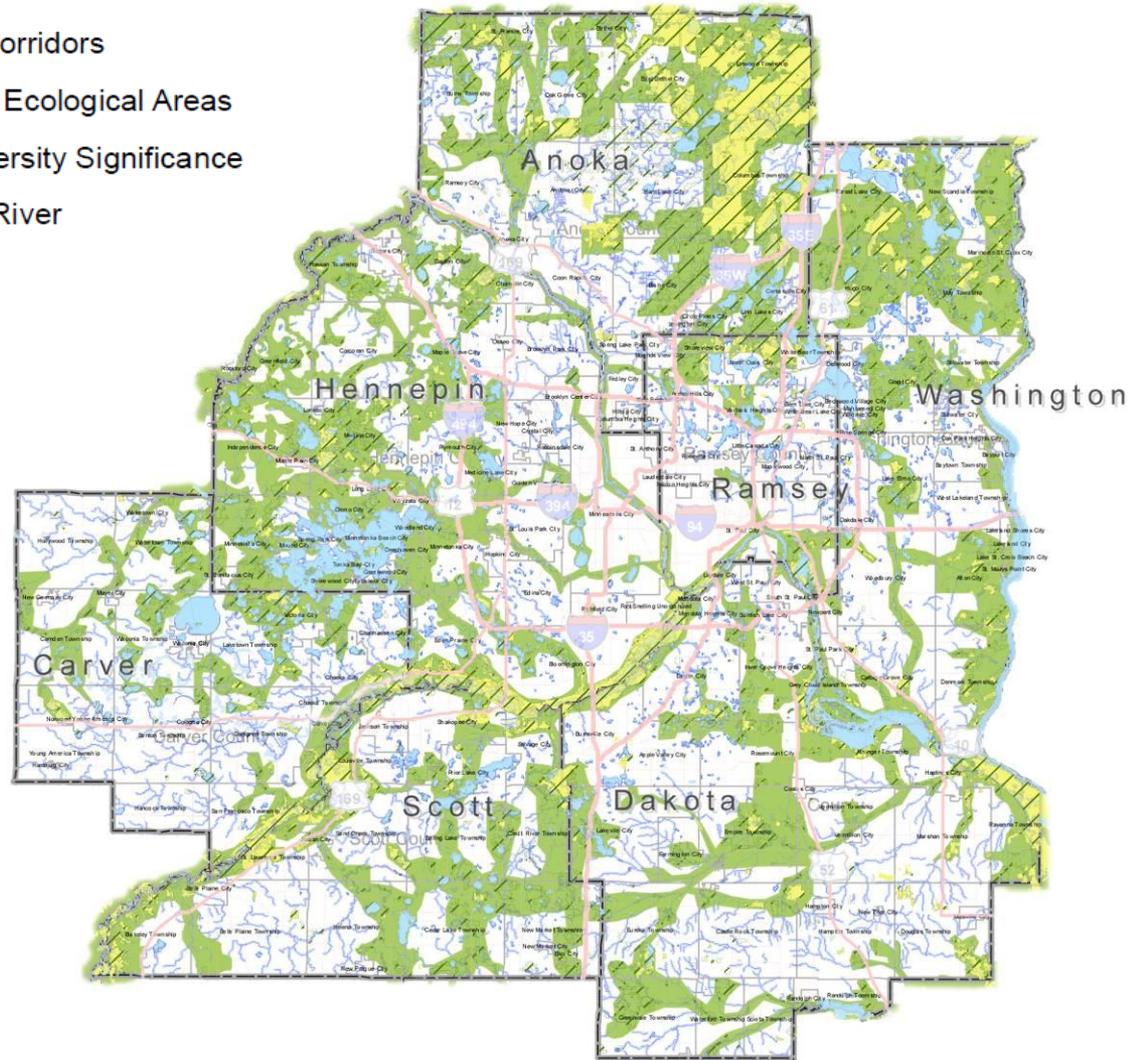
Metro Area: Lakes, Rivers & Streams



Data compiled by Met Council: MetroGIS subbasin water features, 2000, and stream network, 1990.

Metro Area: Conservation Corridors

-  Metro Conservation Corridors
-  Regionally Significant Ecological Areas
-  MCBS Sites of Biodiversity Significance
-  Lake, Pond, Stream, River

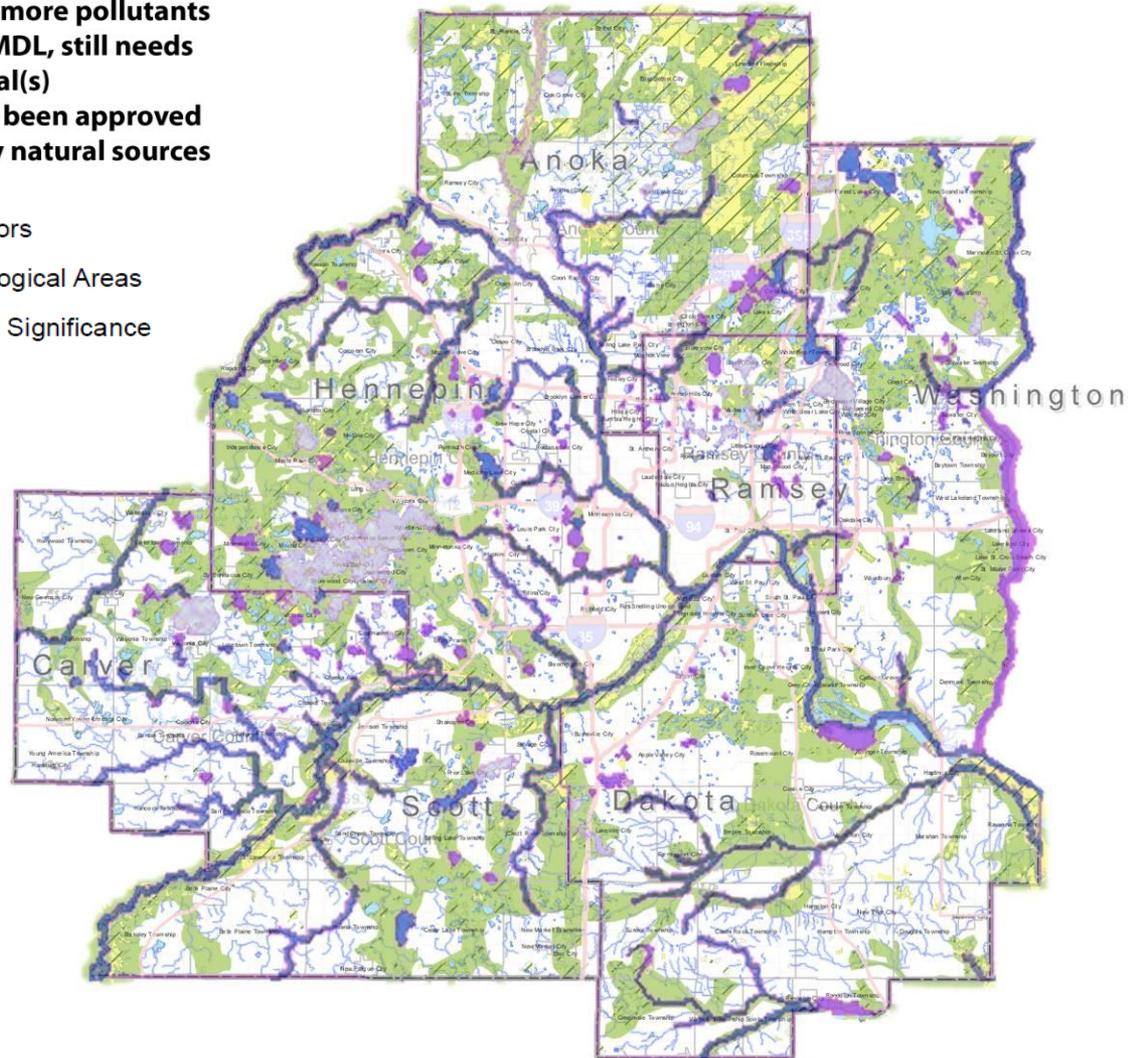


Data compiled by the
Minnesota DNR; 2008

Impaired Waters & Conservation Corridors

-  TMDL needed for one or more pollutants
-  At least one approved TMDL, still needs additional TMDL approval(s)
-  All required TMDLs have been approved or impairment caused by natural sources

-  Metro Conservation Corridors
-  Regionally Significant Ecological Areas
-  MCBS Sites of Biodiversity Significance
-  Lake, Pond, Stream, River

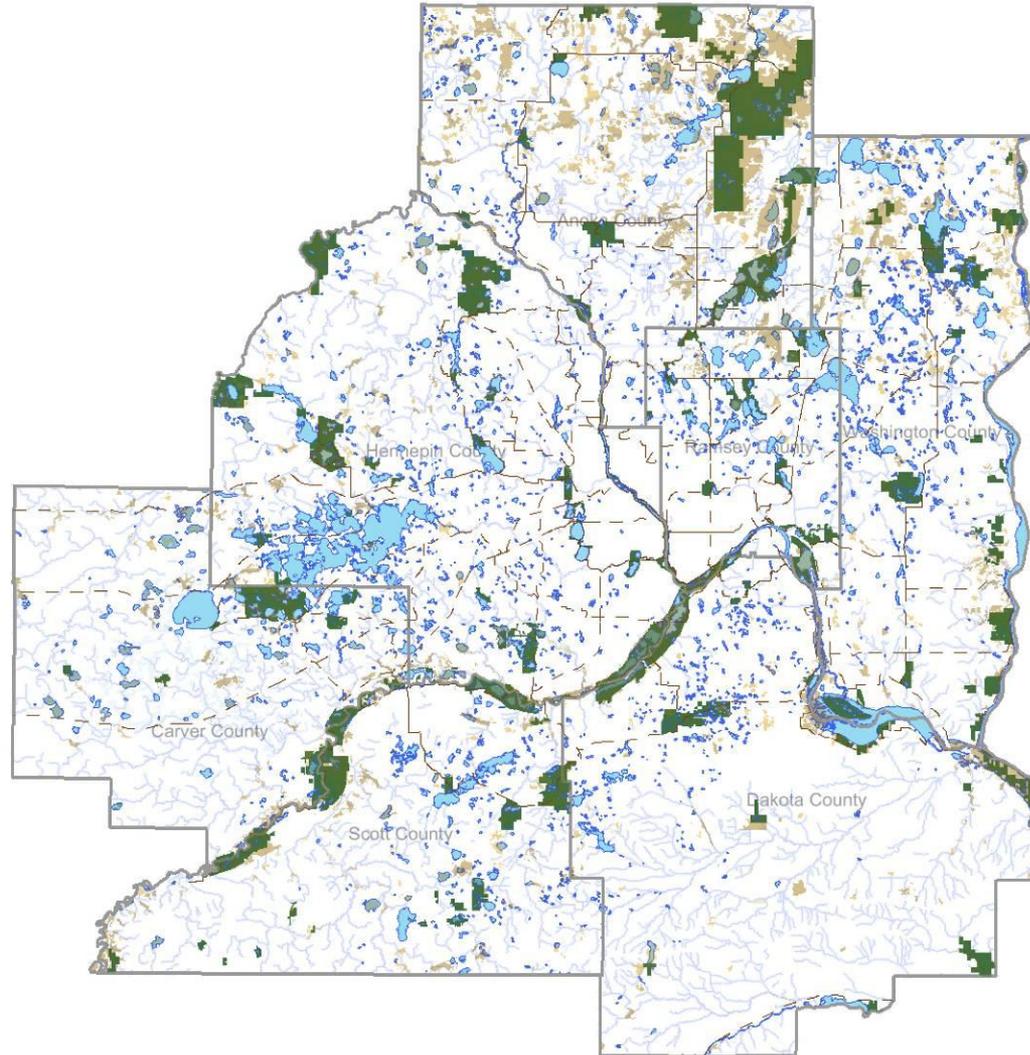


Data compiled by MPCA,
accessed 2009; and
Minnesota DNR, 2008

Parks & Trails

Parks: the
Regional Park
System and most
state/ federal
recreational land

Trails: existing
and proposed
regional & state
trails

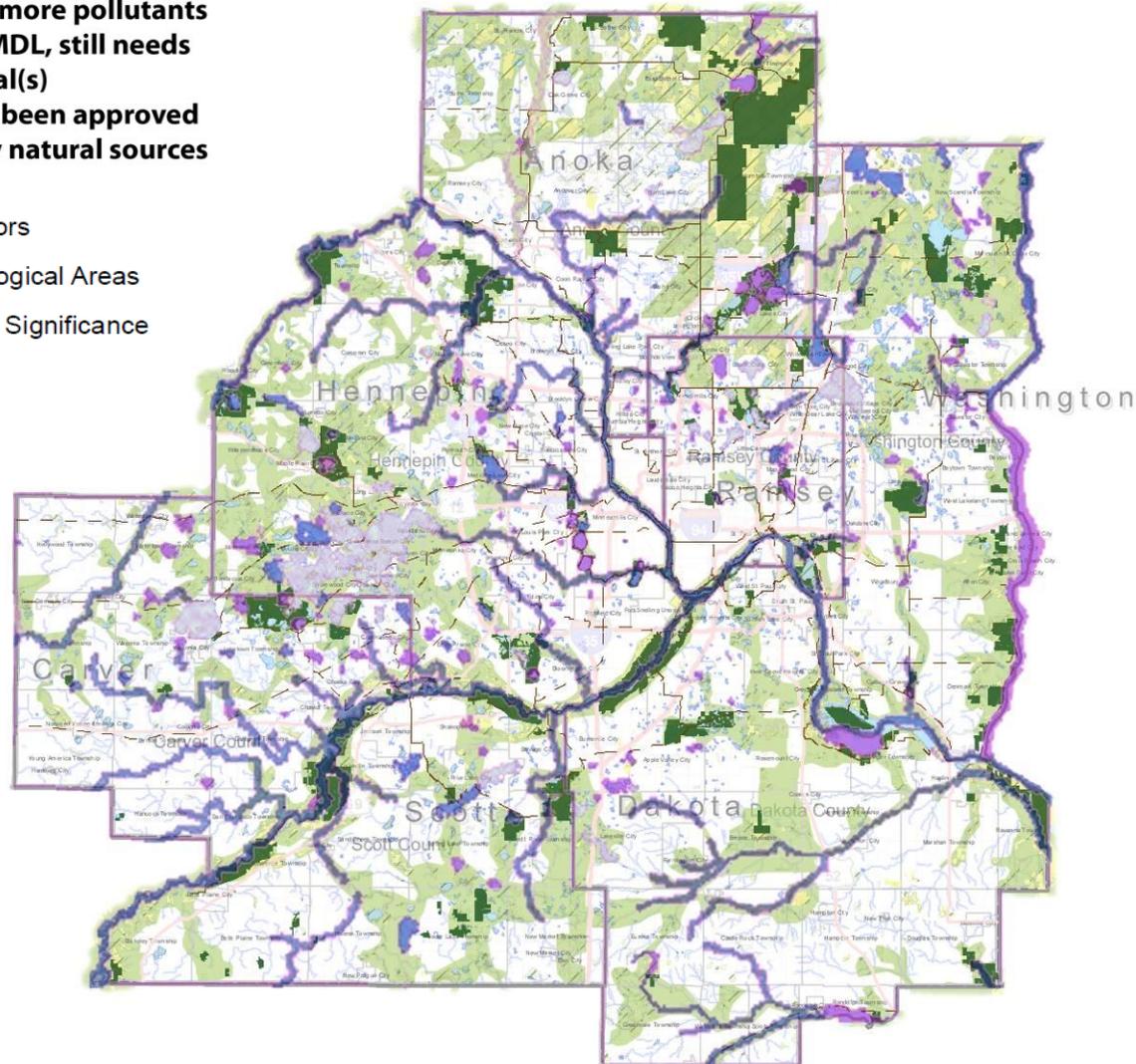


Data compiled by Met
Council: MetroGIS, 2007:
Regional Recreation Open
Space Features and
Regional and State Trails

Impaired Waters, Conservation Corridors & Parks & Trails

-  TMDL needed for one or more pollutants
-  At least one approved TMDL, still needs additional TMDL approval(s)
-  All required TMDLs have been approved or impairment caused by natural sources

-  Metro Conservation Corridors
-  Regionally Significant Ecological Areas
-  MCBS Sites of Biodiversity Significance
-  Lake, Pond, Stream, River



Data compiled by
MetroGIS, 2007; MPCA,
accessed 2009; and
Minnesota DNR, 2008

Clean Water Council's Biennial Recommendations

December 2008

- **Watershed Framework**
- **Monitoring and Assessment** – goal of 100% coverage of priority waters on a 10-year cycle
- **TMDL development** – ensure timely completion and transition to watershed approach; 80% locally-led
- **Nonpoint Source Restoration and Protection** – continue ramp-up to meet long-term need

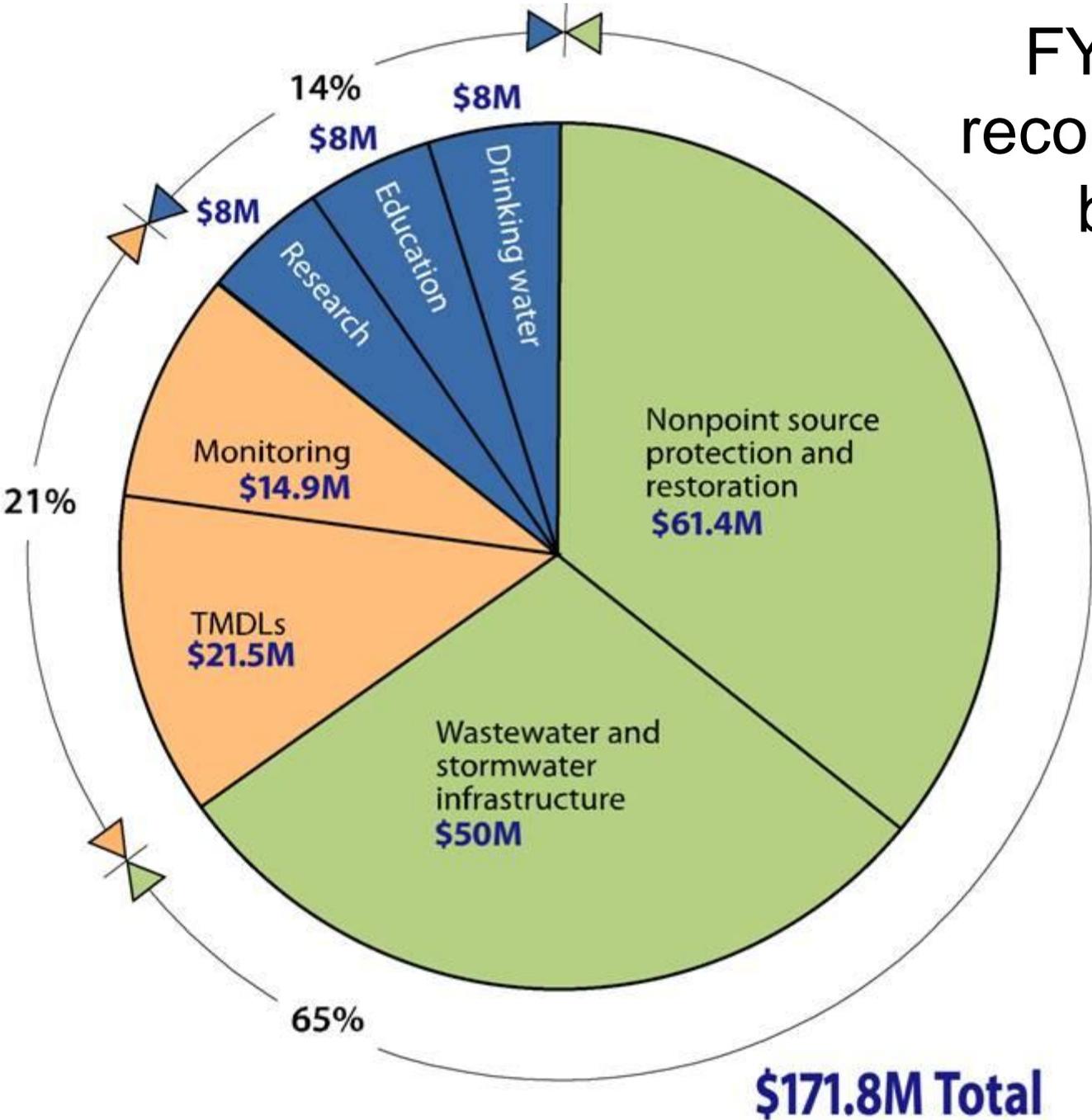
Clean Water Council's Biennial Recommendations *(continued)*

- **Wastewater and Stormwater Infrastructure Investments**
- **Drinking Water Source Protection**
- **Education and Civic Engagement**
- **Research and Tool development**
- **Effectiveness Tracking and Performance measures**

Effectiveness Tracking and Reporting Framework

	Partnerships/ Leveraging	Environmental Measures	Social Measures	Organizational Performance
Project (Sub-watershed, political boundaries, AUID, other)	<i>How well are organizations coordinating?</i>	<i>What are the physical results of the “effort”?</i>	<i>What are the changes in knowledge, attitudes and practices?</i>	<i>How well is the organization doing at managing efforts?</i>
Major Watershed (8 digit HUC) Region/ Basin				
State				<i>Metadata - Timeframe, - Who collects data, -Output or Outcome, -Reporting or Mgmt, -On Track</i>

FY2010-2011 recommendations by budget category

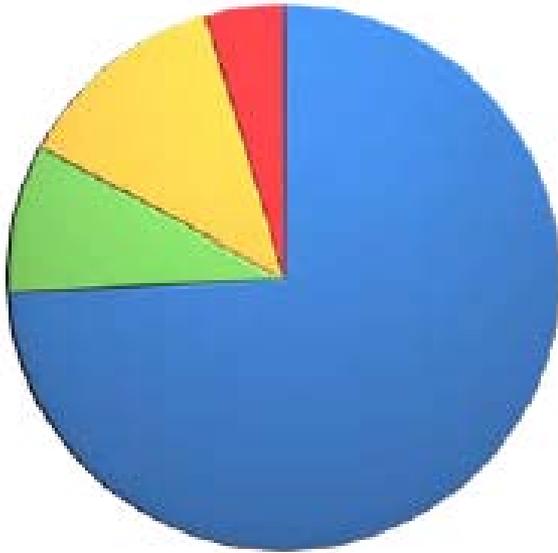


January
2009

FY 2010-2011 Clean water funding

The FY 2010-2011 appropriations for the Clean Water Fund reflected the Council's funding priorities, as recommended to the Legislature.

**As recommended by the
Clean Water Council**



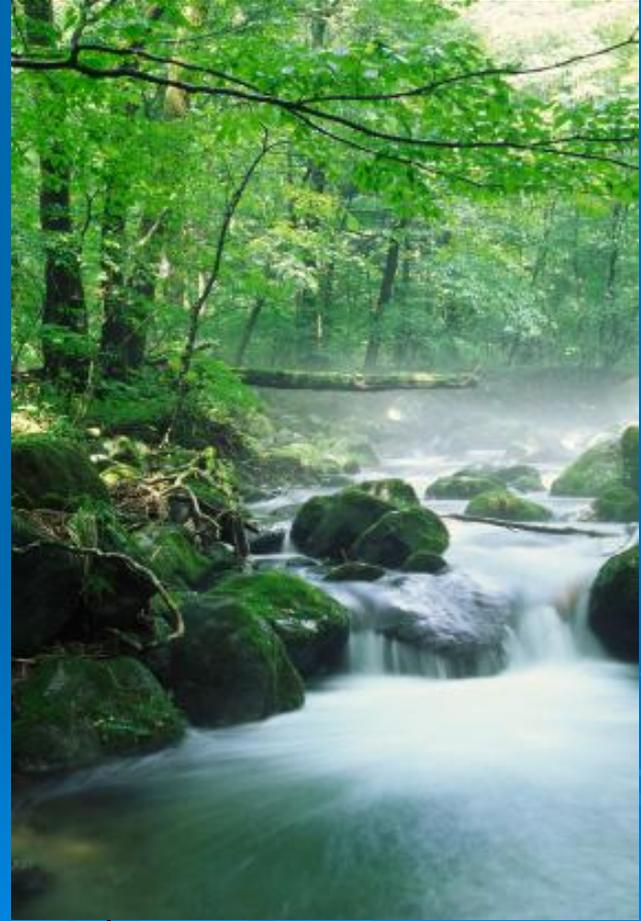
**As allocated by the
Legislature (H.F. 1231)**



\$127.5		Protection/Restoration	\$95.3
\$14.9		Monitoring/Assessment	\$21.5
\$21.5		TMDL Development	\$20.4
\$8.0		Drinking Water Protection	\$13.6
<hr/>			
\$171.9		(in millions of dollars)	\$150.8

Civic Engagement

- Clean Water Legacy Act
- CWC Work Group Recommendations
- 2009 Challenges
- 2010 Opportunities



Clean Water Legacy Act

- Public participation – TMDLs
(Whole Process)
- Prevention/Protection



CWC Work Group Recommendations

- Target to critical lands
- Civic Science – Voluntary Partnerships
- Pilots

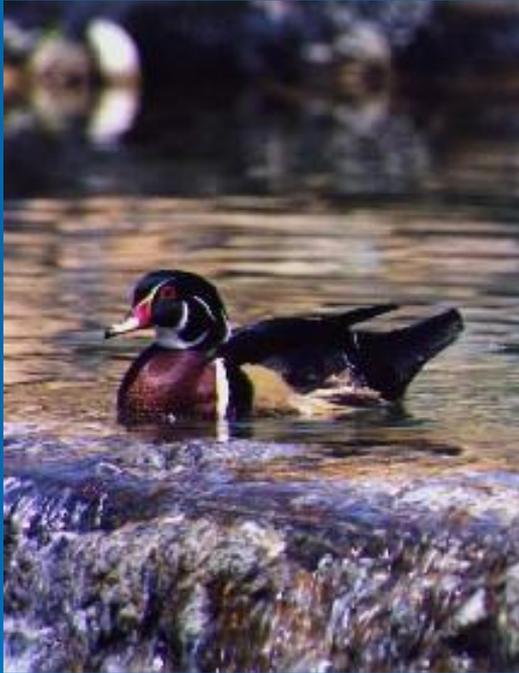


2009 Challenges



- “Soft investments”
- Money in the ground
- \$250K appropriation
- MPCA direction

2010 Opportunities



- Build on successes
- Biennial Budget recommendations
- Interest in Protection

Questions?

- Clean Water Council Biennial Report:
www.pca.state.mn.us/water/cleanwatercouncil/cwc-publications.html