



## FY 2022-2023 CWC and Governor's Budget



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## Pollution Control Agency

Katrina Kessler | Assistant Commissioner for Water



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## Learning, evolving and recalibrating



- Monitoring
- WRAPS
- Implementation

## Inspires action: Plum Creek

- Water monitoring led to bacteria impairment
- Township supervisor decided to do something about it
- Additional monitoring and analysis Identified causes
- Led to several SWCD projects
- Bacteria levels dropped and creek de-listed



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## Department of Natural Resources

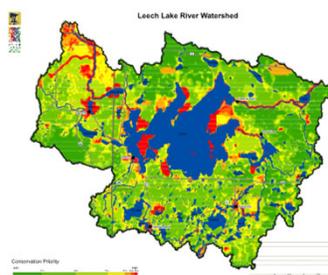
Jason Moeckel | DNR Ecological and Water Resources



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## Increased Emphasis Supporting Implementation Projects

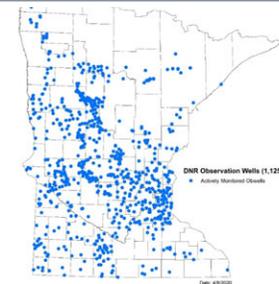
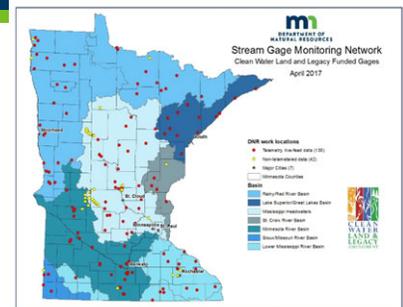
- Support for One Watershed, One Plan projects
- DNR provides technical and design assistance for about 70 to 80 watershed, stream erosion and restoration projects annually



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# Building a Modern Water Network

- Streamflow
- Groundwater
- Lake health
- Fish Contaminants
- Forest BMPs



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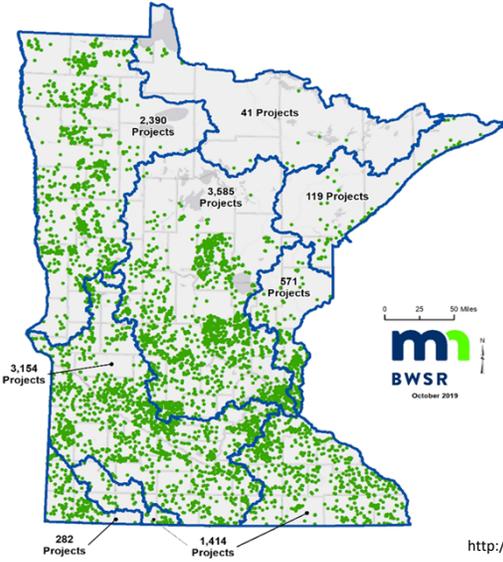
## Board of Water and Soil Resources

Angie Becker Kudelka | Assistant Executive Director



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# Implementation: Prioritize, Target, Measure



<http://bwsr.state.mn.us/>

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# The Conservation Continuum



**CWF examples**

**Creating a knowledgeable and trained local work force**

**Cover Crop contracts**

**Urban water capture and reuse; Ag sediment control basins**

**Wellhead Protection easements for drinking water**

<http://bwsr.state.mn.us/>

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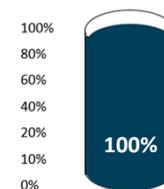


## Cleaning up Serpent Lake



“Serpent Lake hasn’t been this clear since 1991.”

With two of three phosphorus-reducing projects complete and runoff-regulating ordinances adopted, the lake is poised for a rebound.



Progress towards goal

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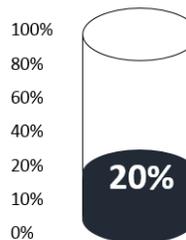


## Targeting conservation: Sand Creek



### Results to date:

- 💧 Streambank stabilization: **300 feet**
- 💧 Shoreline protection: **405 feet**
- 💧 Buffered waterways: **3,840 feet**
- 💧 Cover crops: **595 acres**
- 💧 Native grass plantings: **53 acres**
- 💧 Grade-control structures: **16**
- 💧 Restored wetlands: **4.3 acres**



Progress towards goal

<http://bwsr.state.mn.us/>

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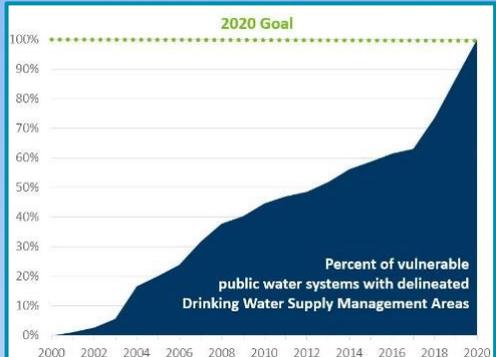


# Department of Health

Tannie Eshenaur | MDH Water Policy Manager




**In 2020, MDH met its strategic goal for Source Water Protection**



**Our next goal is to protect vulnerable drinking water sources by 2034**

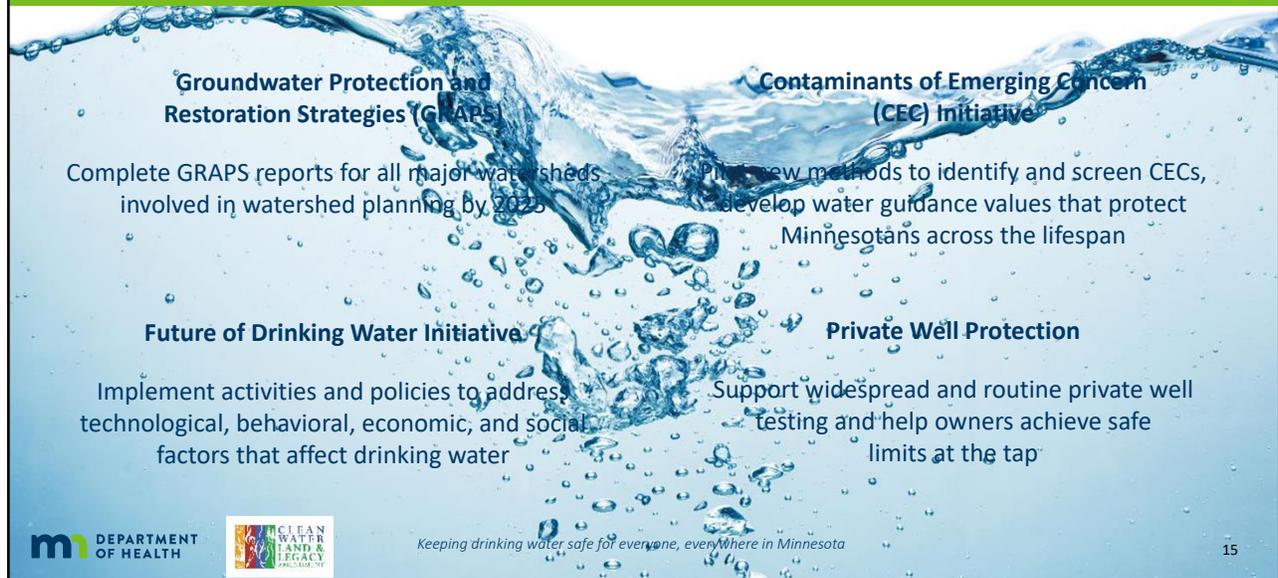


**mi DEPARTMENT OF HEALTH**

*Keeping drinking water safe for everyone, everywhere in Minnesota*

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# Goals and activities of Clean Water Fund Initiatives



**Groundwater Protection and Restoration Strategies (GRAPS)**

Complete GRAPS reports for all major watersheds involved in watershed planning by 2025

**Contaminants of Emerging Concern (CEC) Initiative**

Pinpoint new methods to identify and screen CECs, develop water guidance values that protect Minnesotans across the lifespan

**Future of Drinking Water Initiative**

Implement activities and policies to address technological, behavioral, economic, and social factors that affect drinking water

**Private Well Protection**

Support widespread and routine private well testing and help owners achieve safe limits at the tap




*Keeping drinking water safe for everyone, everywhere in Minnesota*

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## Public Facilities Authority

Jeff Freeman | Executive Director



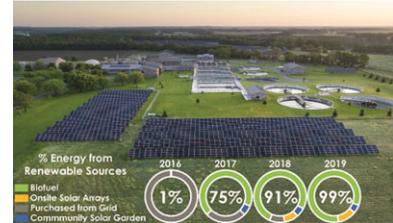
## Public Facilities Authority

### Point Source Implementation Grants - \$15.936M

Grants to help cities upgrade water treatment facilities to meet more protective requirements to improve water quality

### Small Community WW Treatment - \$200M

Grants and loans to help small unsewered communities with technical assistance and construction funding to replace failing septic systems with decentralized community systems



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## Metropolitan Council



Ali Elhassan | Water Supply Planning Manager



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## Sustainable water supply for current and future generations



- Metropolitan Area Water Supply Sustainability Support
- Water Demand Reduction / Efficiency Grant Program



## Making a Difference: MN Technical Assistance Program (MnTAP)

- Through 2019:
  - Funded 29 MnTAP interns
  - Water savings of over 230 million gallons of water per year
  - Cost savings of over \$1.6 million per year.

**MN TAP SOLUTIONS**



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## Department of Agriculture

Whitney Place | Assistant Commissioner



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## MDA Clean Water Fund Activities

- Work with farmers and local governments to **implement and demonstrate conservation practices** that support the impaired waters process.
- Monitor and implement activities to **reduce and prevent nitrate in groundwater**.
- Partner with the University of Minnesota and others to **support research and extension** for continuous living cover crops, best management practices, and conservation practices that protect water quality.



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## MN Agricultural Water Quality Certification Program

- **1,020** certified producers
- **722,679** certified acres
  - 2,065 **new** practices
  - 38,663 tons of soil saved per year
  - 111,470 tons of sediment reduced per year
  - 48,983 pounds of P prevented per year
  - As much as 49% reduction in nitrogen loss
- GHG accounting via MPCA estimates:
  - 39,815 CO<sub>2</sub>-equivalent tons reduced per year



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# Thank you!



**m1 MINNESOTA**

Board of Water & Soil Resources  
 Public Facilities Authority  
 Minnesota Department of Agriculture  
 Minnesota Department of Health  
 Minnesota Department of Natural Resources  
 Minnesota Pollution Control Agency



Environmental Services

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