PRESS RELEASE

State Auditor Otto Releases
Infrastructure Stress Transparency Tool Version 2.0

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ST. PAUL (7/12/2017) – State Auditor Rebecca Otto today released the Office of the State Auditor (OSA) Infrastructure Stress Transparency Tool Version 2.0, a comprehensive update to the existing Tool. The Infrastructure Tool can be accessed on the OSA website at https://www.auditor.state.mn.us/maps/.

"This is the first time these existing data sets on drinking water and wastewater treatment infrastructure have been visualized on a map," said Auditor Otto. "You can see the amount, location, age, finances, and users of a system for an individual city or special service district that provides these services. Version 2.0 includes filters for demographics, geography, finances, clean water and drinking water attributes, which allow for analysis both regionally and statewide."

"This is an example of something really good happening in state government," added Auditor Otto. "By pulling together all of the right people with similar goals, by working in partnership with the University of Minnesota, leveraging their infrastructure and researchers, we have built a game-changing tool that will provide everyone meaningful information about the state of our civil infrastructure in Minnesota. It will help everyone make better-informed decisions, which will ensure better outcomes over time, especially for our rural communities."

The initial Infrastructure Stress Transparency Tool was launched sixteen months ago. Based on feedback the State Auditor collected during a statewide tour engaging water operators, city officials, and engineers, enhancements and additional data sets were added to the maps. The work on Version 2.0 is a continued collaboration with U-Spatial at the University of Minnesota and state agency and OSA infrastructure data experts. The update was supported by a grant from the Bush Foundation, with all funds going directly to the University.

Enhancements for Version 2.0 include:

- Special service district data.

- Filters which allow for regional and statewide analysis.

-- more --

- The ability to select a city or special district and generate a report which includes data on the age of infrastructure, the amount of infrastructure, financial performance of the drinking water or waste water treatment enterprise fund, and more. You can also select other entities to perform side-by-side comparisons.

- The ability to select statewide map overlays, which include counties, water basins or watersheds.

- By visualizing cities' and special service districts' infrastructure, one can see how we deliver drinking water and wastewater treatment services across the state.

The OSA has produced an instructional video on how to get started using the tool on the OSA website at http://www.auditor.state.mn.us/default.aspx?page=20160309.000. To provide feedback on the tool, users can email us at maps@osa.state.mn.us.

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The State Auditor is willing to provide a Q and A and demo for media to learn more about using the Infrastructure Stress Transparency Tool. For more information, contact Jim Levi at (651) 297-3683.

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PHOTO CAPTION (attached file: OSA_Infrastructure_Tool_1.jpg):

A screenshot from the State Auditor's Infrastructure Stress Transparency Tool Version 2.0 shows portions of side-by-side reports on Predominant Collection Sewer Systems for two Minnesota cities, highlighting enhancements to the tool released this week.

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PHOTO CAPTION (attached file: OSA_Infrastructure_Tool_2.jpg):

A screenshot from the State Auditor's Infrastructure Stress Transparency Tool Version 2.0 shows a graphic display of Predominant Collection Sewer System ages for cities and special districts statewide before population filters are applied.

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PHOTO CAPTION (attached file: OSA_Infrastructure_Tool_3.jpg):

A screenshot from the State Auditor's Infrastructure Stress Transparency Tool Version 2.0 uses the tool's filters to show a display of Predominant Collection Sewer System ages of cities with a population under 250.

The Office of the State Auditor is a constitutional office that is charged with overseeing more than $20 billion spent annually by local governments in Minnesota. The Office of the State Auditor does this by performing audits of local government financial statements, and by reviewing documents, data, reports, and complaints reported to the Office. The financial information collected from local governments is analyzed and is the basis of statutory reports issued by the Office of the State Auditor.

Rebecca Otto is Minnesota's 18th State Auditor. A high-resolution official photo is available for download at http://www.auditor.state.mn.us/images/otto_hires.jpg. To learn more about State Auditor Otto, see http://www.auditor.state.mn.us/default.aspx?page=bio.

State Auditor's Infrastructure Stress Transparency Tool

www.auditor.state.mn. us/maps

Current Map: Predominant Collection Sewer System

Maps | Filters | **Reports** | Sources

Click on a city on the **map** or
Generate Summary Report from the **Filters** tab to view reports

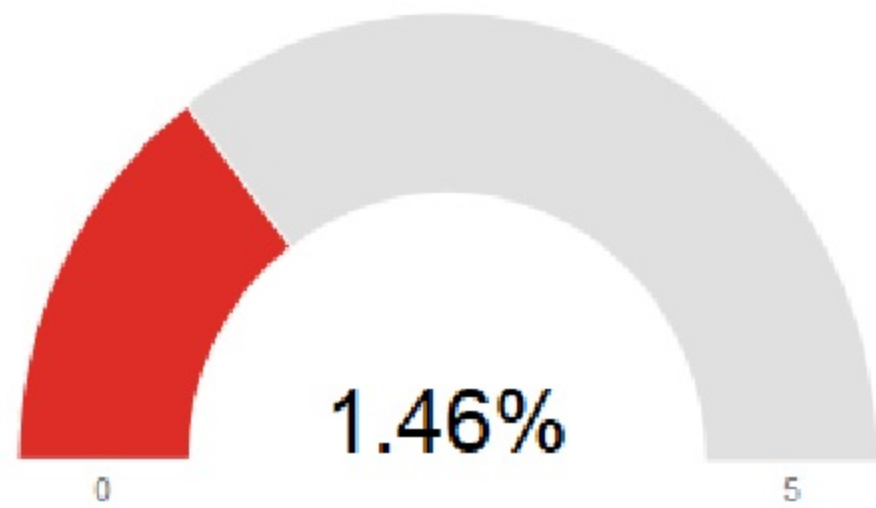## City #1 ✕

Wastewater Treatment Facility
5 years
since first construction or last major permit update
ⓘ

Wastewater Charges
Residents are typically charged
$51.50
per 5,000 gallons/month

0 **1.46%** 5
of Median Household Income
ⓘ

Total Sewer Operating and Maintenance Costs
Paid by Connection Type

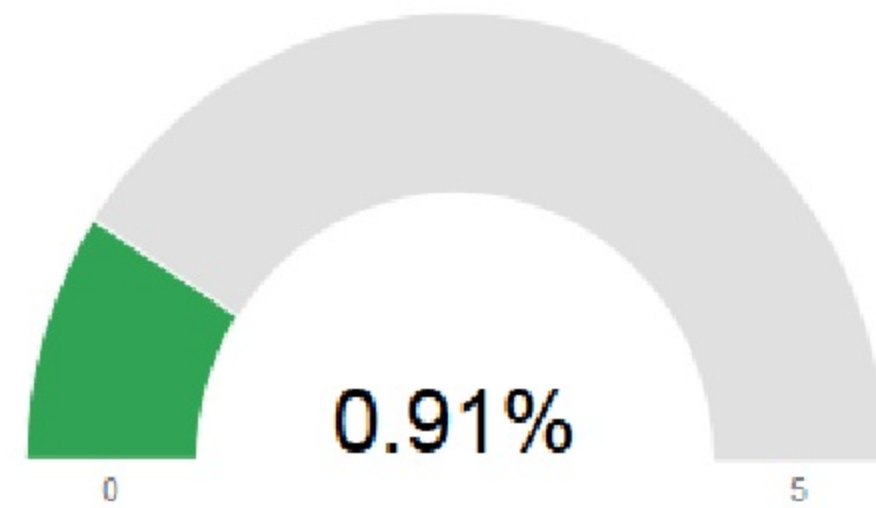## City #2 ✕

Wastewater Treatment Facility
21 years
since first construction or last major permit update
ⓘ

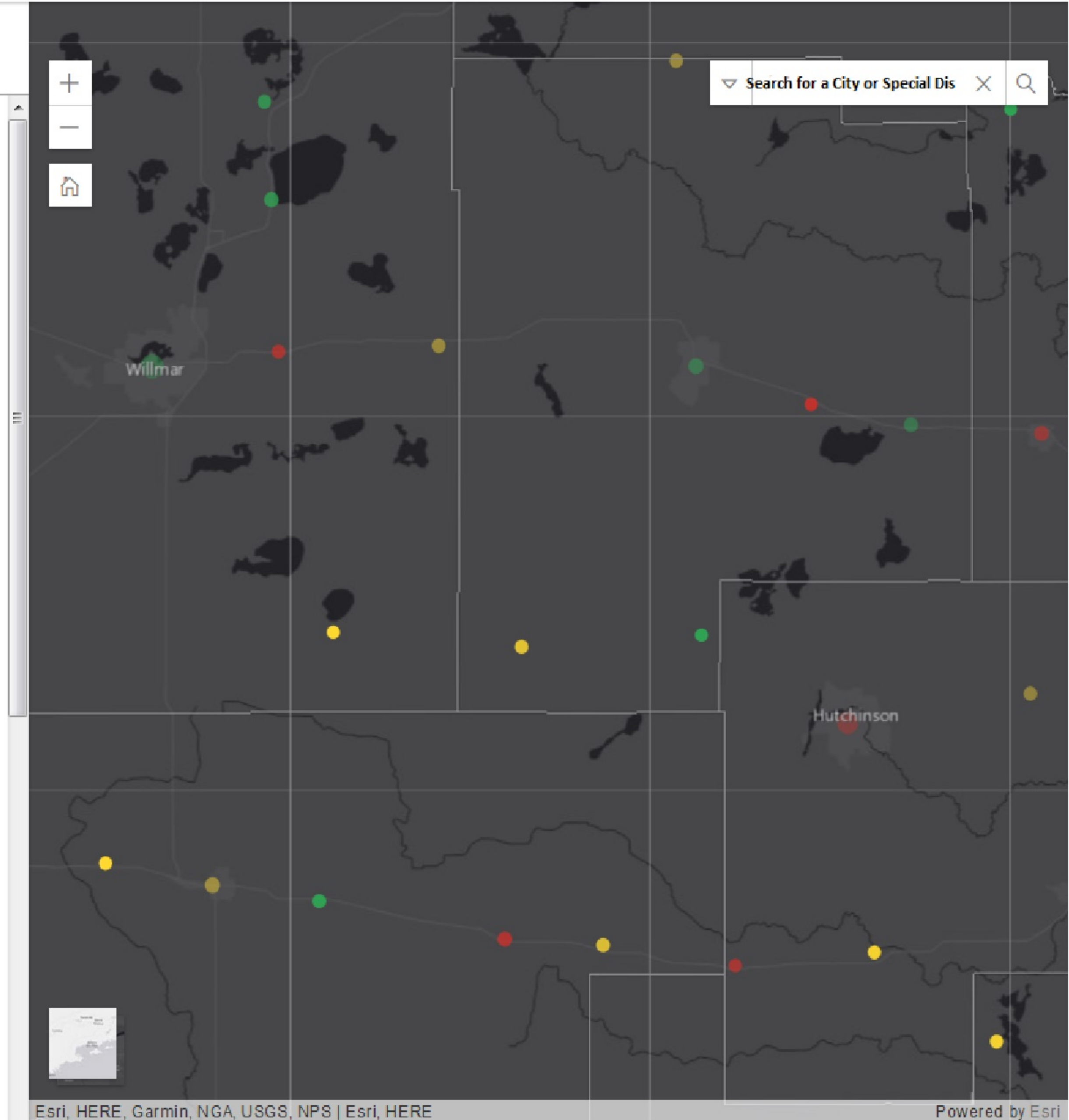### Wastewater Charges
Residents are typically charged
$38.50
per 5,000 gallons/month

0 **0.91%** 5
of Median Household Income
ⓘ

Total Sewer Operating and Maintenance Costs
Paid by Connection Type

✕ ✕

Source: 2016 WINS

Search for a City or Special Dis ✕ 🔍

Willmar

Hutchinson

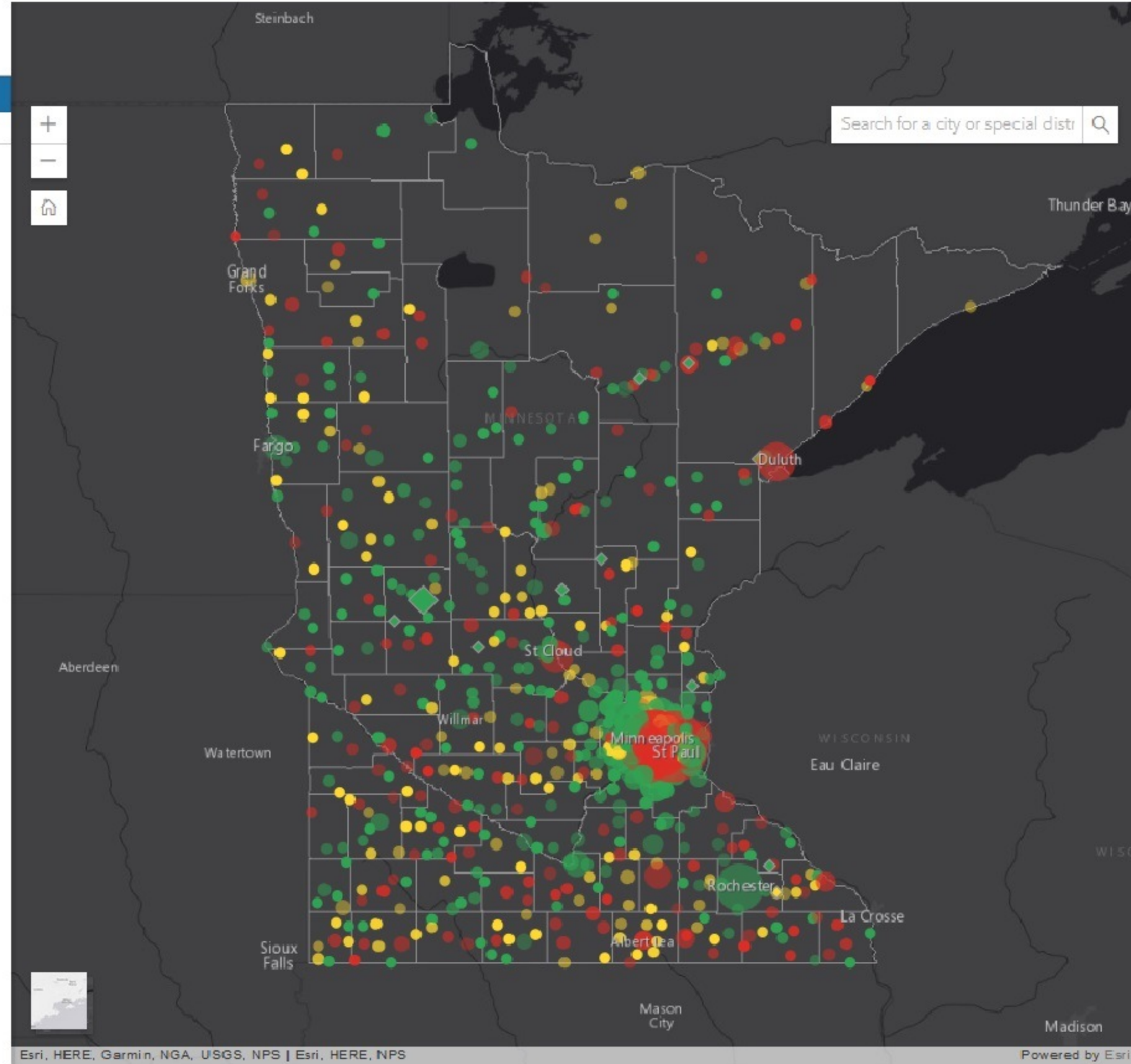Esri, HERE, Garmin, NGA, USGS, NPS | Esri, HERE   Powered by Esri

State Auditor's Infrastructure Stress Transparency Tool

www.auditor.state.mn.us/maps

Current Map: Predominant Collection Sewer System Age

Maps	Filters	Reports	Sources

Generate Summary Report	Reset All Filters

☑ View Cities

☑ View Special Districts

Demographic Filters

Financial Filters

Clean Water Filters

Drinking Water Filters

Geography Filters

891 Features

Active Demographic Filters
Active Financial Filters
Active Clean Water Filters
Active Drinking Water Filters
Active Geography Filters

Search for a city or special distr

Steinbach

Thunder Bay

Grand Forks

Fargo

Duluth

MINNESOTA

Aberdeen

St Cloud

Watertown

Willmar

Minneapolis
St Paul

WISCONSIN

Eau Claire

Rochester

La Crosse

Sioux Falls

Albert Lea

WIS

Mason City

Madison

Esri, HERE, Garmin, NGA, USGS, NPS | Esri, HERE, NPS

Powered by Esri

State Auditor's Infrastructure Stress Transparency Tool

www.auditor.state.mn.us/maps

Current Map: **Predominant Collection Sewer System Age**

Maps	**Filters**	Reports	Sources

Generate Summary Report	Reset All Filters

☑ View Cities
☑ View Special Districts

Demographic Filters

Results will only include Cities

Population

Min	0	Max	**250**

Households

Min	0	Max	175000

Median Household Income

Min $	0	Max $	200000

Financial Filters

Clean Water Filters

Drinking Water Filters

Geography Filters

230 features

Active Demographic Filters

Population ≤ 250 ✖

Active Financial Filters

Active Clean Water Filters

Active Drinking Water Filters

Active Geography Filters