

Mankato Regional Water Resource Recovery Facility SF 190

March 7, 2023

Regional Waste Water Digester Impact

LWSD	
Description	
Population	780
Flow (mg/yr)	39.04
2022 Property Tax Levy	-
\$89 million project cost	\$ 1,415,100
Bonding request share	\$ 707,550

Madison Lake	
Description	
Population	1,247
Flow (mg/yr)	39.98
2022 Property Tax Levy	\$ 945,913
\$89 million project cost	\$ 1,415,100
Bonding request share	\$ 707,550

Eagle Lake	
Description	
Population	3,278
Flow (mg/yr)	94.47
2022 Property Tax Levy	\$ 892,898
\$89 million project cost	\$ 3,497,700
Bonding request share	\$ 1,748,850

Mankato	
Description	
Population	44,488
Flow (mg/yr)	2294.3
2022 Property Tax Levy	\$ 21,298,277
\$89 million project cost	\$ 65,263,700
Bonding request share	\$ 32,631,850

Skyline	
Description	
Population	288
Flow (mg/yr)	7.89
2022 Property Tax Levy	\$ 51,655
\$89 million project cost	\$ 284,800
Bonding request share	\$ 142,400

South Bend Township	
Description	
Population	1,682
Flow (mg/yr)	15.05
2022 Property Tax Levy	\$ 811,932
\$89 million project cost	\$ 382,700
Bonding request share	\$ 191,350

North Mankato	
Description	
Population	14,275
Flow (mg/yr)	530.9
2022 Property Tax Levy	\$ 7,122,995
\$89 million project cost	\$ 16,740,900
Bonding request share	\$ 8,370,450

Mankato's Phosphorous Trading Partners

Map showing trading partners: Sibley Falls Energy and City of Granite Falls, Lower Sioux Indian Community, City of Walnut Grove, and Mankato.



Waste Water Digester Service Area

- Surrounding Community
- Opportunity Area
- Mankato
- Major Sanitary Sewer Lines

Definition: Potential Bond Savings are what each city saved by this regional asset is expected to have. Savings are based off \$44.6 million state award.

MANKATO logo and scale bar: 0, 1.25, 2.5, 5 Miles

This information is to be used for reference purposes only. The City of Mankato does not guarantee accuracy of the material contained herein and is not responsible for errors or omissions.

- Facility provides services to 10 jurisdictions, serves approximately 70,000 people and treats 7 million gallons of sewage a day.
- Engineers have put the facility in a rating of critical – failure is certain – timing unknown.
- The facility was built in the 1950s and we can no longer find parts for the facility
 - Staff are working with local fabricators to manufacture temporary parts.
 - Delivery of available parts are 25-27 months out – facility doesn't have this much time to wait.
- Project allows the addition of the City of Lake Crystal.
 - Lake Crystal has a critical situation with their Treatment Plant – and no plan for it, but to join Mankato.
 - Without our project, we cannot add Lake Crystal to the Mankato Regional Water Resource Recovery Facility – we don't have the capacity.

Current Situation

Current Request – SF 190

- Project cost has escalated to \$89 Million
- Asking for \$44.5 Million
- We have \$44.5 Million in funding secured.
- Project is ready to be sent to out for bid.



Questions?

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