

Mankato Regional Water Resource Recovery Facility HF 145

March 8, 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

Sibley Falls Energy and City of Granite Falls
 Lower Sioux Indian Community
 City of Walnut Grove
 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
 Creating life together
 0 1.25 2.5 5 Miles

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- 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 – HF 145

- 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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