

2020 District Performance Report

Madison Metropolitan Sewerage District





2020 PERFORMANCE REPORT CARD

Madison Metropolitan Sewerage District

ACHIEVEMENT STATUS KEY

- 🟢 Achieved
- 🟡 Making Progress
- 🔴 Not Achieved

STRATEGIC GOALS

- 🟡 Collection system reliability
- 🟢 Strategic financial planning
- 🟡 Phosphorus management for Badger Mill Creek
- 🟢 Equity
- 🟡 Comprehensive Energy Management Master Plan

PROGRESS NOTES

CED PRIORITIES

- 🟡 Safety and security
- 🟢 Improve cultural competency of the organization
- 🟡 ELC/Executive Team engagement
- 🟡 Monitoring of District-critical initiatives

PROGRESS NOTES

OUTCOMES

District customers are confident (Global outcome)

PROGRESS NOTES

- 🟢 Conducts regular meetings with customer communities
- 🟢 Customer community interests are taken into consideration

Wastewater collection and treatment

- 🟢 WPDES permit compliance
- 🟡 Overflows See Attachment 1 in report
- 🟢 Conducts after action reviews
- 🟡 Compliance with CMOM Develop I & I and FOG programs
- 🟡 Compliance with CMAR Overall grade of A
- 🟢 Timely processing of annexations and sewer extensions
- 🟢 Asset management plans are current
- 🟢 Use of sustainability frameworks
- 🟡 Performs reliability centered maintenance Continued work to align new workflows and processes
- 🟢 Timely studies and policies
- 🟢 Effectively manages wildlife observation area
- 🟡 Evaluates major projects and initiatives to identify multiple



Strategic Plan

Madison Metropolitan Sewerage District

Updated April 7, 2020

OUR MISSION:
To protect public health and the environment.

OUR VISION:
Enriching life through clean water and resource recovery.

OUR IDEALS:
Equitable, reliable and cooperative.

ENVIRONMENT



We see opportunities in wastewater to recover valuable resources.

Goal: Increase recovery of resources while meeting permit requirements.

COMMUNITY



We see solutions in the community to engage others in meeting future challenges.

Goal: Improve partnerships to build and increase public support.

EMPLOYEES



We see success in a healthy, resilient workforce to promote a culture of positive engagement.

Goal: Achieve a culture of positive engagement.

EFFECTIVENESS



We see greater success in the use of best business practices.

Goal: Adopt best business practices to increase district efficiency and effectiveness.

INFRASTRUCTURE



We see value in sustainable infrastructure to support a vibrant regional community.

Goal: Achieve expected community level of services at the lowest total cost of ownership.

Environment

We see opportunities in wastewater to recover valuable resources.

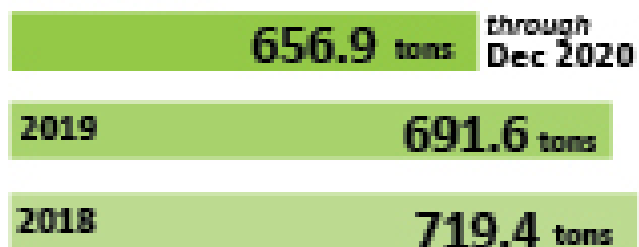
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ENVIRONMENT	COMMUNITY	EMPLOYEES	EFFECTIVENESS	INFRASTRUCTURE
				
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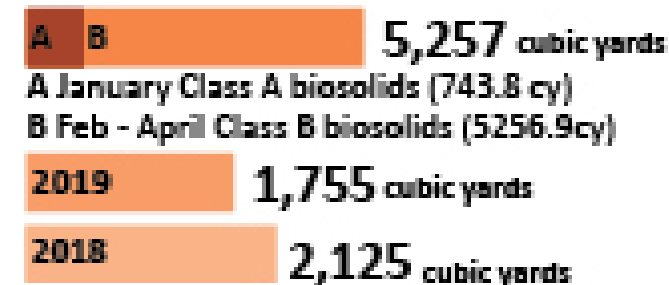


STRUVITE

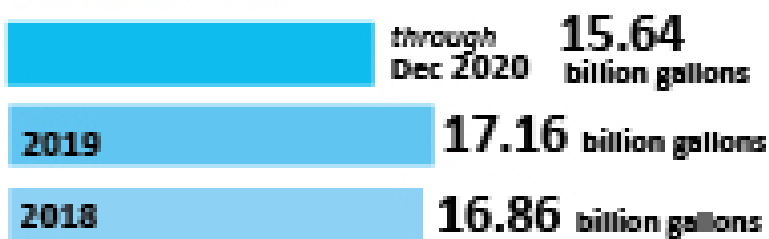


METROMIX

through
Dec 2020



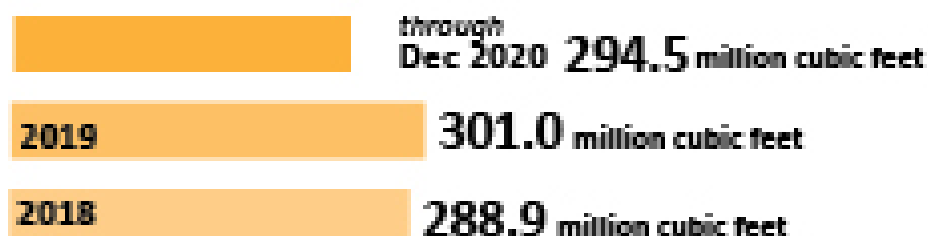
CLEAN WATER



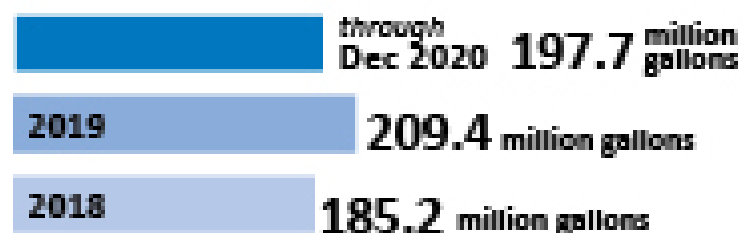
METROGRO



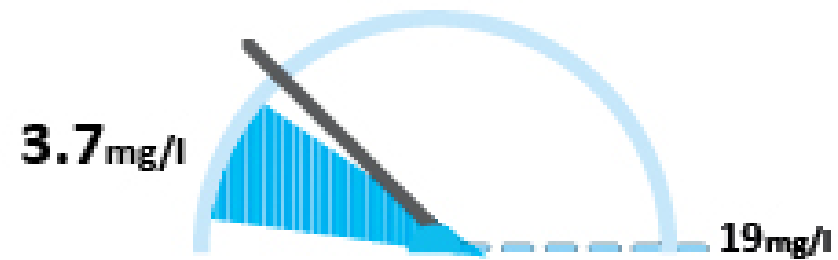
BIOGAS



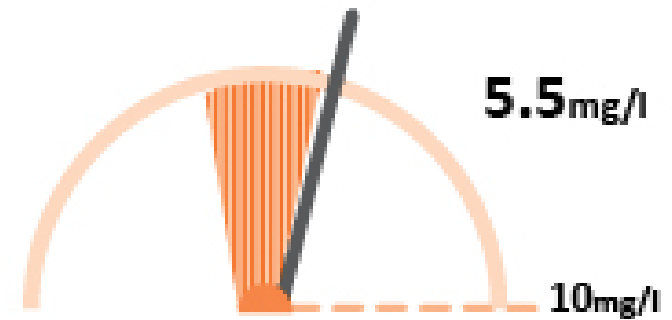
REUSED EFFLUENT



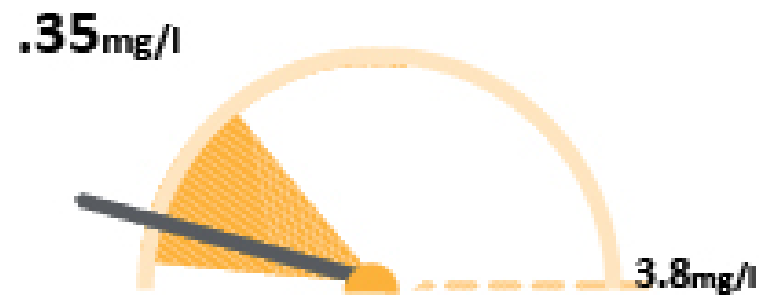
CBOD5



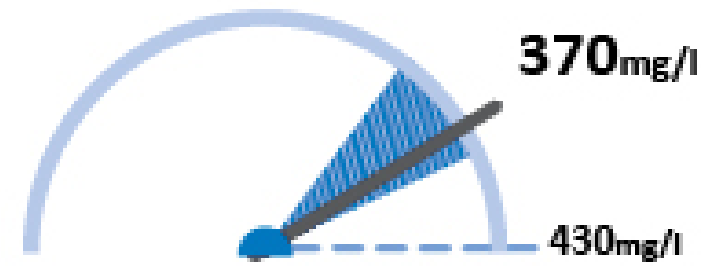
TOTAL SUSPENDED SOLIDS



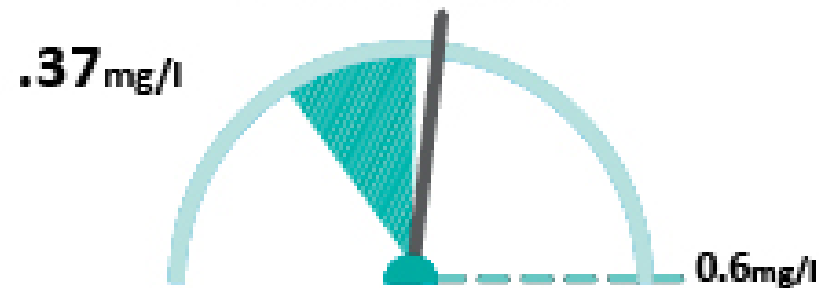
AMMONIA



CHLORIDE



PHOSPHORUS



Community

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***Goal:** Improve partnerships to build and increase public support.*

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2013

2014

2015

2016

2017

2018

2019

2020



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

Madison Metropolitan
Sewerage District
Wisconsin

Jeffrey A. Olson

Executive Director / CEO

Our budget
achieves high
standards







Highest Weekly Average Chloride Concentration (mg/l)



Number of Weeks Exceeding Water Quality Standard of 395 mg/l



Employees

We see success in a healthy, resilient workforce to promote a culture of positive engagement.

Goal: ~~Improve the employee experience~~ *Improve the employee experience*

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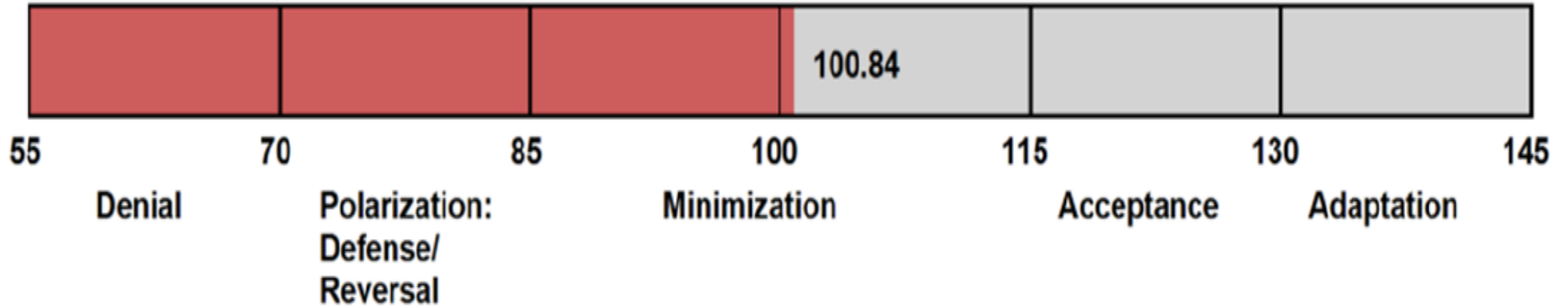


Incident and DART rate comparison

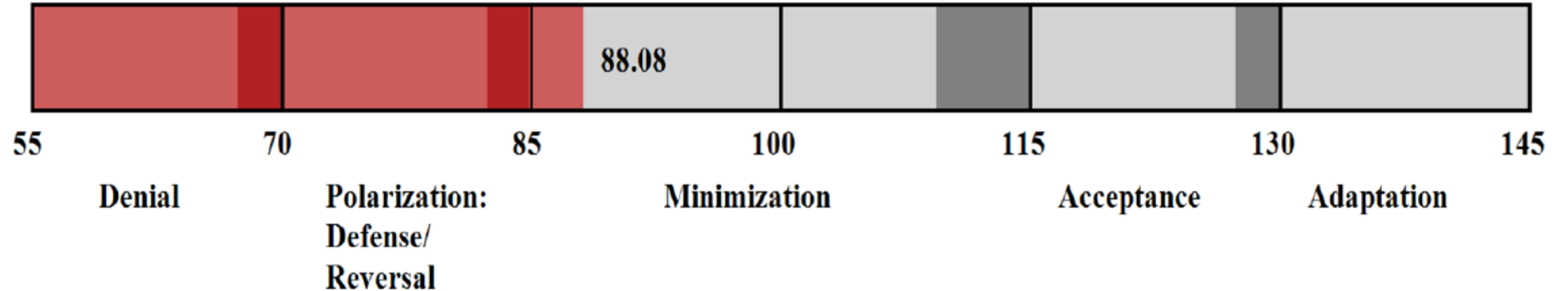
Year	Incident Rate	DART Rate
2011	5.5	5.5
2012	2.14	1.07
2013	4.18	4.18
2014	9.2	4.6
2015	5.7	2.3
2016	3.4	1.1
2017	3.5	3.5
2018	6.5	4.3
2019	0.88	0
2020	2.4	0
In 2020, 1 finger laceration, 1 chemical in eyes, 1 foreign body in arm		



2020 IDI Results



2016 IDI Results

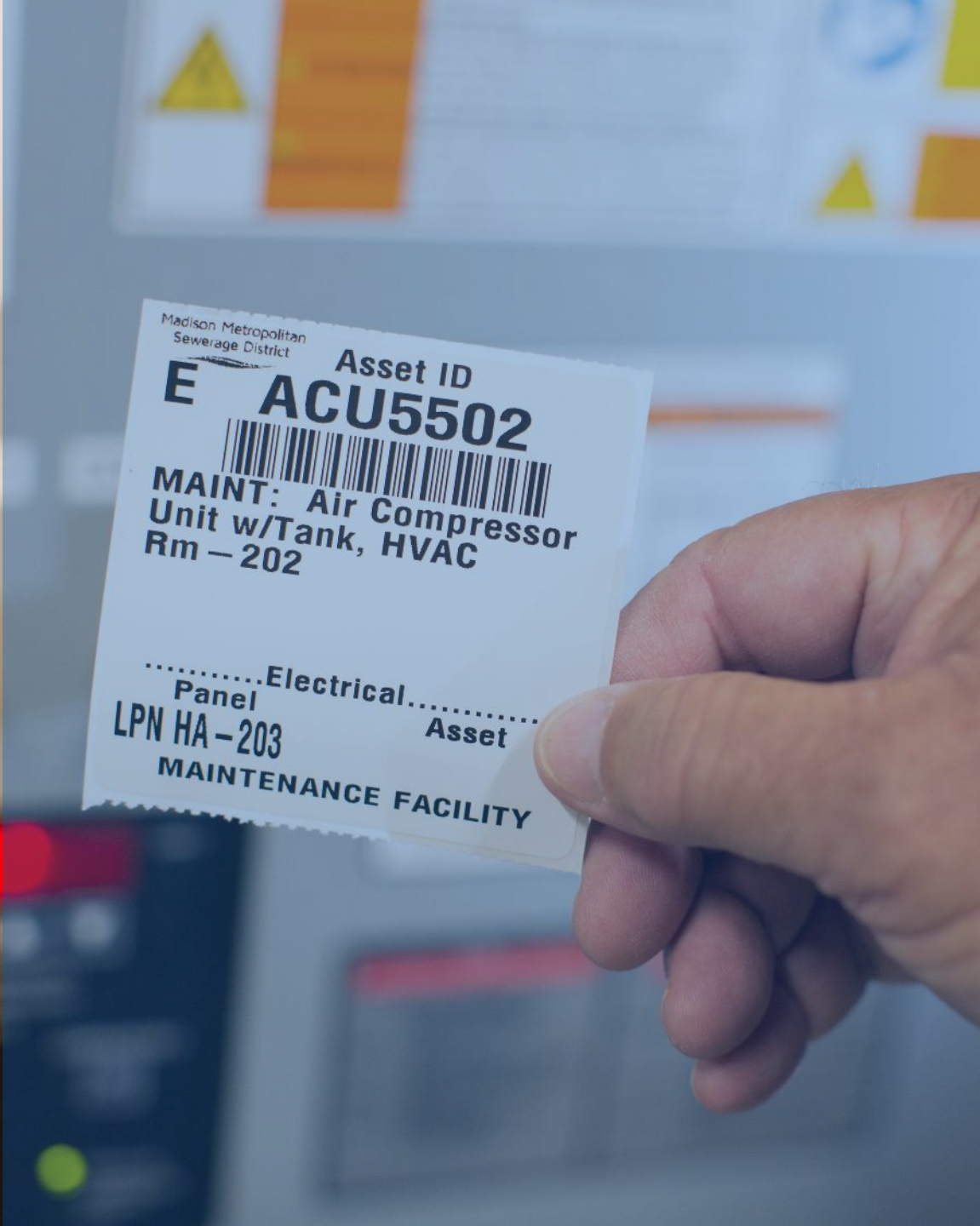


Effectiveness

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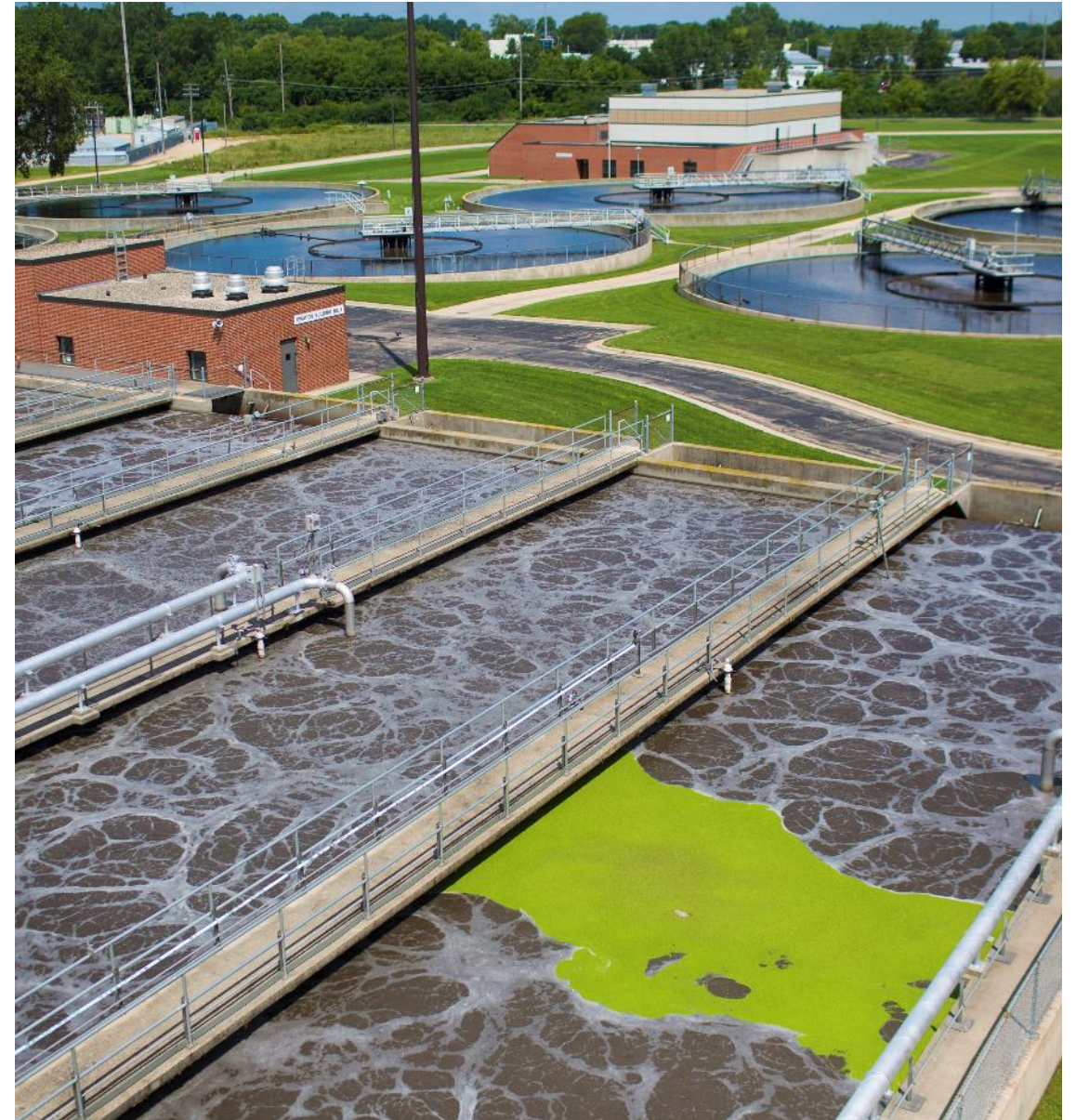






CMAR Scorecard

Grade	CMAR Section
A	Influent Flow & Loadings
A	Effluent Quality: BOD
A	Effluent Quality: TSS
A	Effluent Quality: Ammonia
A	Effluent Quality: Phosphorus
A	Biosolids Quality & Management
A	Staffing
A	Operator Certification
A	Financial Management
A	Collection Systems
4.00	Overall GPA



Infrastructure

We see value in sustainable infrastructure to support a vibrant regional community.

Goal: Achieve expected community level of services at the lowest total cost of ownership.

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\$23.4M

In capital projects. Includes construction, engineering, staff time, etc.

374 jobs

Created through these projects
(Bureau of Labor statistics)

\$6.99M

In completed and accepted construction contracts

1.1% below bid

Original bid amounts totaled
\$7,076,000





EQUITY

Equality



Equity



Justice



STATEMENT







What about COVID-19?



Thank you

