

Water Infrastructure Fund

Application – Industrial Water Reuse/Conservation Projects (Pilot)



Overview

The Water Infrastructure Fund (WIF) will make necessary investments in innovative projects across the state for the purpose of enhancing the quality of Iowa’s water resources. Projects that receive funding will generally be those that:

- Reduce excess nutrients
- Increase drought resiliency
- Reduce flood risk
- Improve public health
- Promote water and wastewater reuse
- Provide significant economic benefits to the state

As our state faces increasingly frequent and unpredictable adverse weather events such as severe drought, conserving our water resources has never been more important. Industrial and manufacturing facilities often use a large amount of our water resources in their processes and send millions of gallons of effluent to the local utility for treatment.

The Water Infrastructure fund will provide matching grants for manufacturers to install onsite water reuse systems at industrial and/or manufacturing facilities. These systems will reduce the heavy demand placed on our surface and ground water resources and will lessen the local utility’s need to treat wastewater that is used for industrial purposes.

Applications for funding will be due June 1, 2022 and will be scored competitively. Awards will be made in late July 2022. Please review the Term Sheet in Appendix A.

Project Eligibility

The U.S. Department of the Treasury’s [guidance](#) aligns eligible water infrastructure projects under the American Rescue Plan with the Environment Protection Agency’s (EPA) [Clean Water State Revolving Fund](#) and [Drinking Water State Revolving Fund](#).

Applicant Information

Applicant Name:			
Contact Person/Title:			
Street Address:			
City:		Zip Code:	
Email Address:		Phone:	

Estimated Project Costs*:

Total Project Costs:	\$
<i>Less: Funds from Other Sources:</i>	\$
Amount of WIF Request:	\$

****A detailed project cost estimate, including source(s) of other funding, must be included as an attachment to this application.***

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Project Information

Attachments to include with this application:

- Preliminary Engineering Report or Facility Plan/Design Concept
- Detailed (itemized) project cost estimate, including all sources of funding
- Most recent audited financial statements

Please write a brief description of the project (3-5 sentences):

Please complete the information below, as necessary:

Location of Project <i>(City & County):</i>	
Current Water Source	
Current Demand of Treated Water from Local Utility <i>(Gallons/Day)</i>	
Name of Waterbody or Wastewater Treatment Plant that Receives the Process Wastewater	
NPDES Permit Number <i>(if applicable)</i>	

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Briefly explain how industrial/manufacturing wastewater is currently being treated (e.g., industrial wastewater treatment facility discharging to a waterbody, pre-treatment process discharged to a publicly owned treatment works, untreated discharged to publicly owned treatment works, etc.). *Provide additional details as an attachment to this application, if necessary.*

Explain how the project will reduce water usage and/or the demand for treated water from a utility and/or reduce the discharge of wastewater to a utility or waterbody. Be sure to include an estimate of the anticipated financial, environmental, and/or energy conservation impact of the water reuse project (long-term cost savings, gallons reused per day/year, etc.). *Provide additional details as an attachment to this application, as necessary.*

Lastly, please feel free to provide any other information that you deem helpful in understanding the environmental/conservation impact of the project as an attachment to this application.

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By Signing Below, You Make the Following Representations, Authorizations, and Certifications

I certify that:

- This application and any supporting documentation are accurate and complete.
- I have reviewed and understand the Term Sheet associated with this funding category.
- I have confirmed that the Project is eligible according to the Environmental Protection Agency’s [Clean Water State Revolving Fund](#) and [Drinking Water State Revolving Fund](#) guidelines.
- I have reviewed and understand the [U.S. Department of the Treasury Coronavirus Local Fiscal Recovery Fund Award Terms and Conditions](#).
- Construction of the Project is reasonably expected to commence pursuant to a duly bid and awarded construction contract within six (6) months after being awarded funding.
- Construction of the Project is reasonably expected to be completed within eighteen (18) months after being awarded funding.
- Construction of the Project is reasonably expected to be completed no later than June 30, 2026.
- Any asset built is able to be maintained in the future without the guarantee of further federal funding.

Signature of Authorized Representative

Date

Printed Name

Title

APPENDIX A: TERM SHEET

Industrial Water Reuse/Conservation Projects

As our state faces increasingly frequent and unpredictable adverse weather events such as severe drought, conserving our water resources has never been more important. Industrial and manufacturing facilities often use a large amount of our water resources in their processes and send millions of gallons of effluent to the local utility for treatment.

The Water Infrastructure Fund will provide matching grants for industrial and manufacturing facilities to install onsite water reuse systems at industrial and/or manufacturing facilities. These systems will reduce the heavy demand placed on our surface and ground water resources and will lessen the local utility's need to treat wastewater that is used for industrial purposes.

Total Allocation:	\$15 million
Max Award per Project:	Up to \$5 million
Award Type:	Awards will be in the form of a non-recourse grant.
Required Match:	50%
Award Process	Competitive; applications will be due June 1, 2022 .
Application Procedure:	<ul style="list-style-type: none">• Application materials can be found at IowaFinance.com/WaterInfrastructure.• Completed applications may be submitted to Iowa Finance Authority by mail or email: Iowa Finance Authority 1963 Bell Avenue Des Moines, Iowa 50315 Attn: Water Infrastructure Fund WaterInfrastructure@IowaFinance.com• Applications for the initial pilot will be due June 1, 2022.• Applications deemed complete will be scored <u>competitively</u> according to the Scoring Matrix.
Award Criteria:	<ul style="list-style-type: none">• Grant funds must cover only the SRF-eligible water or sewer infrastructure costs of a project. For further information, please refer to the Environment Protection Agency's (EPA) Clean Water State Revolving Fund and Drinking Water State Revolving Fund websites.• Awarded funds must reimburse capital costs only.

	<ul style="list-style-type: none"> The pilot program will focus on water reuse projects for industrial/manufacturing facilities (e.g., not datacenters).
Project Ownership:	Projects may be publicly or privately owned.
Required Documentation:	<p>All applications must include the following attachments:</p> <ul style="list-style-type: none"> Detailed project summary/description Other supporting documentation such as design plans, environmental impact report, etc. Estimated project costs/budget Other sources of funding, if applicable Acknowledgement that construction will be completed by June 30, 2026 <p>Other documentation may be requested by Iowa Finance Authority, as needed.</p>
Construction Timeline:	Applicants must certify that construction will be completed by June 30, 2026.
Reporting Requirements:	<p>Each project receiving an award will be categorized according to the State and Local Fiscal Recovery Funds Compliance and Reporting Guidance published on November 15, 2021 by the U.S. Treasury (Version 2.1).</p> <p>The projects funded under this section will be categorized as either 5.8 Clean Water: Water Conservation or 5.9 Clean Water: Energy Conservation.</p>

[End of Appendix A]

APPENDIX B: ATTACHMENTS

Required attachments:

- Current water balance (industrial water usage and wastewater discharge/ losses) and future water balance with proposed project
- Current wastewater pollutant loadings and future wastewater pollutant loadings with proposed project
- Detailed project cost estimate, including source(s) and amount(s) of other funding
- Estimated project schedule/construction timeline
- Financial statements
- Letters of Support from local Drinking Water and/or Wastewater Utility

Additional attachments as applicable:

- Preliminary Engineering Report, Plans/Designs, and/or additional process details
- Description of energy conservation measures and estimates of energy savings
- Maps
- Other items, as needed