



Integrated Water Master Plan

Public Meetings July 23 - 24, 2025



- Introductions
- 2 IRC Utility Services 101
- 3 Integrated Master Plan Overview
- 4 Prioritizing Projects with Master Plan Criteria
- 5 Open House

Meet the Team – IRC Utilities





Sean Lieske
Director



Howard Richards
Capital Projects
Manager



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Manager

Meet the Team - HDR





Carlee Fullenkamp
Project Manager



Ameerah Palacios Engagement Lead



Taylor Bellinger Creative Lead





IRC Utility Services 101

IRC Utility Services



Drinking Water

- Treat 13.5 million gallons of drinking water per day
- Two treatment plants
- Serve 57,000 accounts



Wastewater + Reuse

- Treat 6.5 million gallons of wastewater per day
- Four treatment plants
- Serve 34,000 accounts







What is the Integrated Water Master Plan?

Integrated Planning: A lens to see water from AGRICULTURE every community element MDUSTRY RESILIENCY **QUANTITY** ONE WATER **EQUITY QUALITY** DRINKING WATE VASTEWATER

Integrated Planning: A lens to see water from AGRICULTURE every community element MDUSTRY RESILIENCY **QUANTITY** ONE WATER **EQUITY QUALITY** WASTEWATER DRINKING WATE

Our Guiding Values





Quantity

Provide ample water resources to meet the future demands of our growing population



Quality

Meet or exceed current and future regulatory requirements to ensure safe and reliable service



Equity

Consider all customers fairly as we plan future improvements



Resiliency

Prepare our utility system to meet future challenges in sustainable ways

Benefits





Interconnected decisions that address multiple needs



Project timing balances needs with resources



Conscious of budget constraints & affordability



Decisions guided by community priorities



Strategies to meet regulatory requirements across various utility services



Projects optimize benefits for people, planet, and affordability

Project Scope Overview



IMPLEMENT & MEASURE SUCCESS





BUILD THE VISION

DEVELOP SOLUTIONS & SCHEDULE







EVALUATE EXISTING SYSTEM

EVALUATE ALTERNATIVE SOLUTIONS





ENGAGE COMMUNITY STAKEHOLDERS

Project Schedule



FALL 2024

Board of Commissioners approves Integrated Water Master Planning effort

SPRING 2025

- · Collect asset management data
- Conduct a pipeline risk assessment
- Plan stakeholder engagement
- Present an update to the Board of Commissioners

FALL 2025

- · Finalize the hydraulic model
- Develop the 20-year CIP
- Seek input through stakeholder and community meetings

SPRING 2026

- Complete the Integrated Water Master Plan
- Share results with the Board of Commissioners, stakeholders, and the community

WE ARE HERE



- Build the vision for the master plan
- Coordinate hydraulic modeling effort
- Begin to understand facility conditions via walkthroughs

SUMMER 2025

- Assess infrastructure condition
- Review and calibrate the system hydraulic model
- Develop CIP alternatives
- Develop outreach materials
- Begin discussions with stakeholders
- Identify potential project partners

WINTER 2025/2026

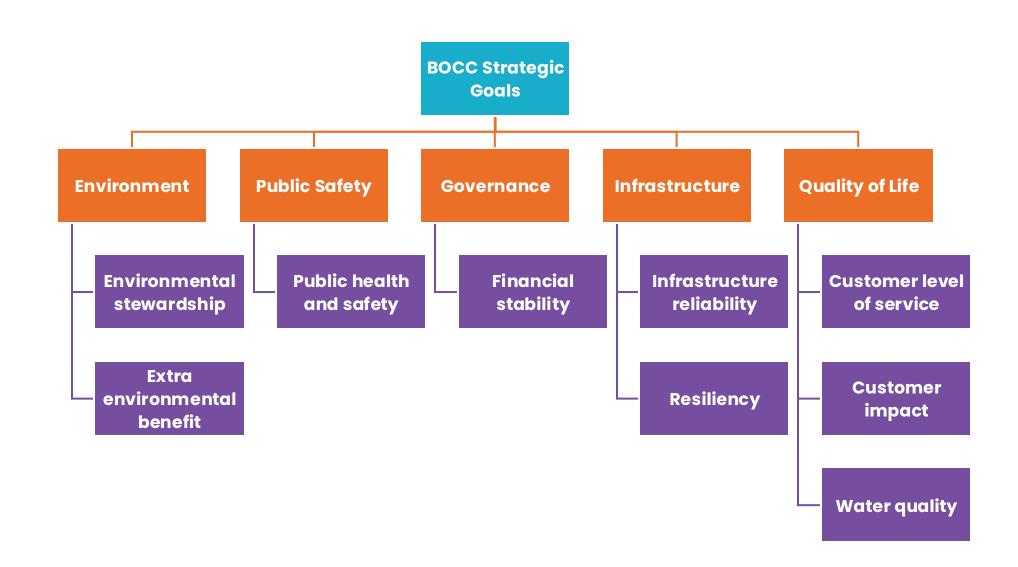
- Conduct a financial assessment
- Prioritize projects in the CIP
- Align funding with projects







Alignment with IRC Strategic Goals





What Are Criteria?



Customer Experience

Includes:

- Improving quality, delivery and response time.
- Maintaining existing service levels and quality of life for customers during construction and operation.





Environment

Includes:

- Promoting conservation of natural resources and minimizing negative impacts on the environment.
- Going above and beyond regulatory standards to align with other local and regional goals for the environment (energy, roads, parks, etc.)





Financial Stability

Includes:

 Exploring opportunities for new, expanded or external funding to support projects.





Infrastructure

Includes:

- Addressing risks related to asset or system failure.
- Minimizing negative impacts of and facilitating recovery from external threats such as severe weather, climate change, and cybersecurity risks.





Public Health

Includes:

- Addressing potential or future hazards to public health and safety.
- Exceeding water quality standards for drinking water and wastewater beyond regulations for aesthetic benefits (taste, odor, etc.)







Open House



Learn. Share. Collaborate.

Visit these stations to learn more about the important elements of the Integrated Water Master Plan.

Collect three stickers to earn IRC merchandise!

Visit the Stay Connected station on your way out to collect your prize.

What is the Integrated Water Master Plan? Missed the presentation or want to dive into the integrated planning process? This station will provide an overview of the Integrated Water Master Plan.	
Drinking Water System Learn more about how drinking water gets from the source to your tap.	
Wastewater System Explore how wastewater is treated and managed in Indian River County.	
Value of Water Better understand what you're paying for on your IRC water bill and how your dollars support the utility.	
What Matters Most to You Participate in an interactive activity to provide feedback on critical elements of our Integrated Water Master Plan.	
Customer Service Have an account-specific question or need support? Our customer service agents are here to help!	

Meeting Stations

- What is the Integrated Water Master Plan?
- 2 The Drinking Water System
- 3 The Wastewater System
- 4 The Value of Water
- 5 How We Prioritize Projects
- 6 Customer Service

Visit IndianRiver.gov/OneWater





Related Links

Application for Service

Sign up for Autopay

Assessments

Water Conservation Tips

Cross Connection Control Program

Customer Service

Hydrant and Jumper Meter Applications Home > Services > Utilities > One Water

Developing the One Water System Roadmap

Water is one of Indian River County's most precious resources - that's why Indian River County Department of Utility Services is taking an integrated approach to water, wastewater, and reuse planning.

Connected Water Planning for Lasting Solutions

To serve you better and to protect our high-quality water and wastewater services, Indian River County's Department of Utility Services is developing an Integrated Water Master Plan. This plan will look at the needs for multiple systems - drinking water, wastewater and reuse - and set us on course for the next 20 years to achieve county and community priorities.



Indian River County's Integrated Water Master Plan will help guide the growth of our water, wastewater, and reuse services for the next 20 years.



Thank you!

