



DEVELOPING THE ONE WATER SYSTEM ROADMAP

An integrated approach for water, wastewater, & reuse planning

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

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

WHAT WE'LL DO

- 1. Forecast future demand for service
- 2. Define a program for managing infrastructure capacity, condition & sustainability
- 3. Define measurable level of service metrics
- 4. Create a 20-year Capital Improvement Plan (CIP) & prioritize the investments
- Facilitate two-way communication with stakeholders & customers
- 6. Identify & pursue partnerships for continued collaboration
- Measure the finances & explore funding strategies to offset costs
- 8. Support staff growth, retention & augmentation

OUTCOMES

New Goals & Metrics

We'll have new operational guidelines that tell us how we are doing and when to make changes.

A 20-Year Plan

- An inventory of everything we need to create, upgrade and replace.
- A ranking of projects based on drivers like condition, growth, cost, regulations and protecting our Indian River Lagoon.

BENEFITS OF AN INTEGRATED APPROACH



Interconnected decisions that address multiple needs



Balance for interconnected regulatory requirements



Decisions guided by community priorities



Conscious of budget constraints & affordability



Projects at the right time for the right reasons



Higher-value, multibenefit investments

PROJECT TIMELINE

Key Actions & Milestones

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

FALL 2024/2025

- 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



Sign up for updates, and learn more about how you can get involved by scanning the QR code or visiting: www.IndianRiver.gov/OneWater