Jersey Water Works
Data Dashboard:
Water Connects Us All

Jersey Water Works’ focus is transforming water infrastructure through:

• Effective and financially sustainable water systems
• Empowering stakeholders
• Successful and beneficial green infrastructure
• Smart combined sewer overflow control plans
Jersey Water Works

Individual Efforts

Collaborative Actions
Why Jersey WaterCheck?
Consumers
Utilities
Jersey WaterCheck

- Includes metrics on the four JWW goals
- Integrates data from public sources and surveys
- Provides the information we need to seek solutions
- Builds community understanding of the role water and wastewater infrastructure play in maintaining public health
Jersey WaterCheck Project Team

**Consultant**
- Glenn Barnes
  - Technical Advisor

**Jersey Water Works staff**
- Jyoti Venketraman
  - Program Manager
- Kimberley Irby
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**Data Advisory Committee**
- Daniel J. Van Abs Ph.D., PP/FAICP
  - Rutgers University, School of Environmental and Biological Sciences
- G. Christian Andreasen, Jr., P.E.
  - Middlesex Water Company
- Monique Girona
  - New Jersey Department of Environmental Protection
- Wynnie-Fred Victor Hinds
  - Newark Environmental Commission; Clean Water Action
- Sarah Neiderer
  - Moonshot Missions
- Kevin Whitney
  - Atlantic County Utilities Authority

**Jersey Water Works**
- Consultant
- Data Advisory Committee
- Jersey Water Works staff
Jersey WaterCheck: Project Steps

• Metric selection
  › Water quality, water system condition, environmental stewardship, green infrastructure etc.

• Data management
  › Collecting, validating and storing data

• Dashboard Development
  › Creating a user-friendly interface that makes data understandable
Jersey WaterCheck: Metrics Grouped by Topic

• Is my Drinking Water System Meeting Regulatory Requirements?
• What is the Condition of My System?
• How Does My System Protect the Environment?
• How Does my System Communicate with its Customers?
• Can Everyone in my Community Afford Utility Services?

* All of these are working titles still to be finalized
How Does My System Protect the Environment?

- Does my municipality have a target for the number of acres of land for which they want to manage stormwater using green infrastructure?
- Has my municipality studied how it can implement green infrastructure?
- Does the municipal master plan call for green infrastructure in new (re) development?
WaterCheck Sneak Peek
Water is a top priority for New Jersey. That’s why Jersey Water Works created Jersey WaterCheck to achieve the bold vision of solving New Jersey’s water infrastructure challenges.

Jersey WaterCheck connects New Jerseyans to the multitude of tests that your drinking water goes through and shows how improved wastewater treatment can enhance the health of our rivers and waterways. Jersey WaterCheck creates the knowledge we need to transform New Jersey’s water infrastructure — for consumers, for utilities, and for our state’s leaders.


Jerry Water Works Shared Goals

Effective and Financially Sustainable Systems
Communities maintain and improve drinking water, wastewater and stormwater infrastructure systems to deliver quality water services that meet community needs. Operating budgets and capital investment are adequate and affordable, resulting in systems that operate efficiently and in a state of good repair.

1.1 Maintaining Systems
Utilities and departments maintain drinking water, wastewater and stormwater pipes and other water infrastructure assets to efficiently and effectively reduce leakage, emergency repairs and other impacts.

1.2 Wise Management and Spending
State requirements, metrics and incentives along with utility policies ensure that utilities and departments implement water infrastructure asset management programs fully, with sufficient operating budgets and capital investments to deliver required and desired levels of service while minimizing life-cycle costs.
Working together to advance Water Check

• Promoting Water Check and the municipality survey amongst peers

• Participate in the survey

• Including articles in your publication and links about Water Check information on your website
Thank You!

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