



Roadmap to Becoming an Effective Water Citizen

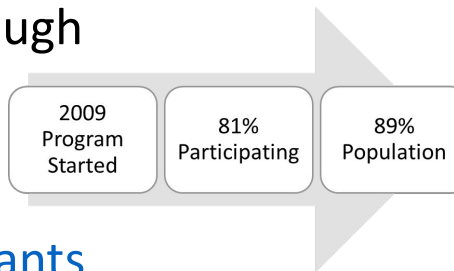
Randall Solomon, Executive Director



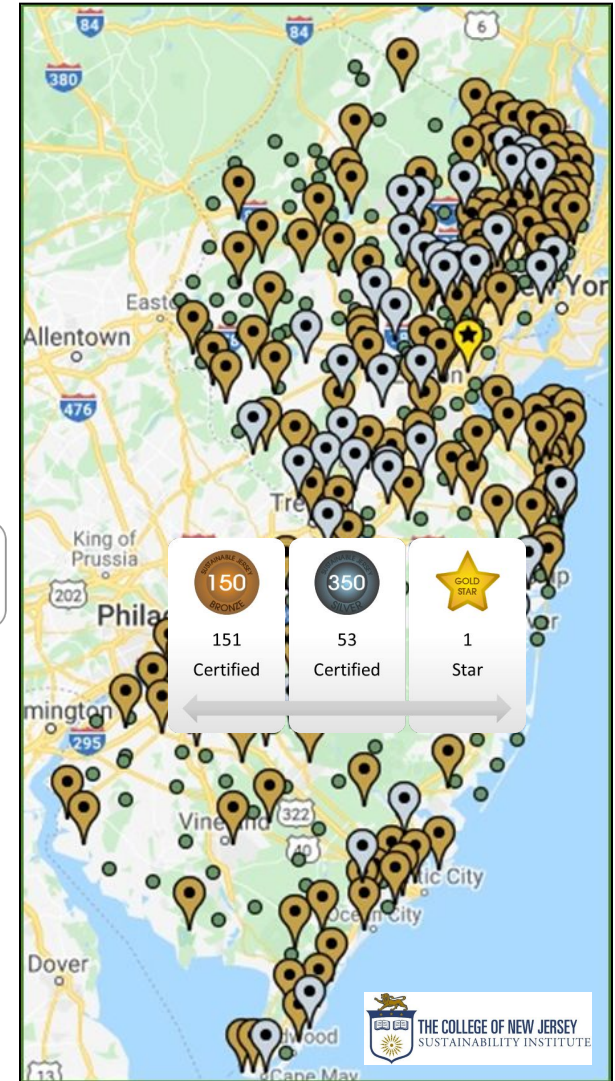


Sustainable Jersey Overview

- A nonprofit organization that provides **tools, trainings** and **financial incentives** to support municipalities as they seek to become sustainable.
- **\$5.6 million** in grants to municipalities and schools through the Sustainable Jersey Grants Program for sustainability initiatives. Learn more at www.sustainablejersey.com/grants



Lambertville City receives a \$20,000 grant for Ditching Disposables initiative





Speakers



Randall Solomon
Sustainable Jersey



Anthony Diaz
Newark Water Coalition



Isabella
Castiglioni
Pinelands
Preservation
Alliance



Marian Glenn
Green
Infrastructure
Champion



Gold Star Standard in Water



Framework for Water Gold



Municipal Water Story



Updates and New Water Actions



Water Gold Star Standard

City of Newark's Lead Service Line Replacement Program

The City of Newark is replacing lead service lines for its residents. To ensure the program is successful, the city is taking lead in drinking water actions they can control.

Algae Bloom Fouls N.J.'s Largest Lake, Indicating Broader Crisis

Lake Hopatcong, normally buzzing with swimmers and water skiers, is filled with cyanobacteria in quantities never before recorded.



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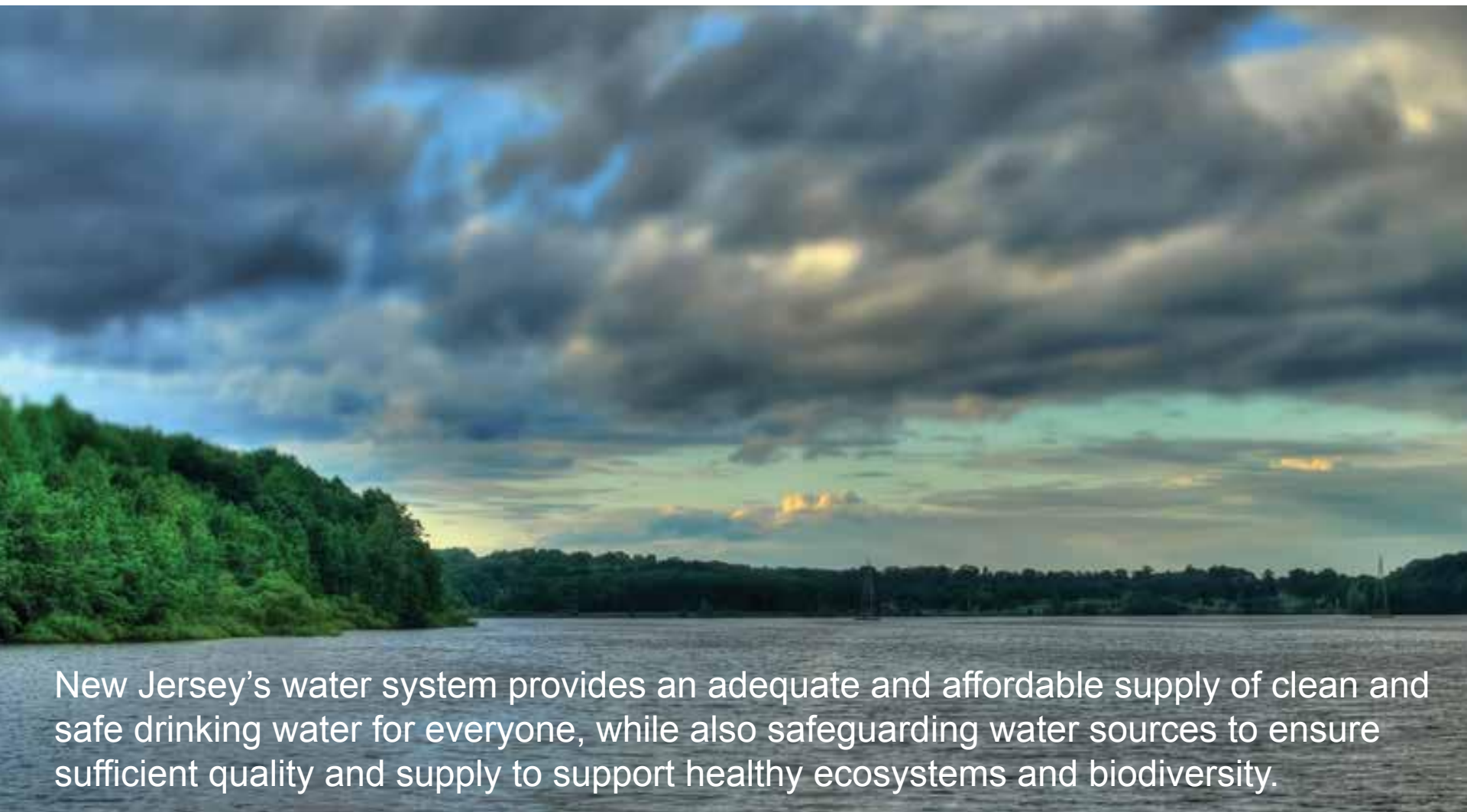
Severe weather spurs flooding, disrupts service in Pa., N.J.

By WHYY Staff, Associated Press - June 20, 2019





Water Goal



New Jersey's water system provides an adequate and affordable supply of clean and safe drinking water for everyone, while also safeguarding water sources to ensure sufficient quality and supply to support healthy ecosystems and biodiversity.



Gold Star Standard in Water



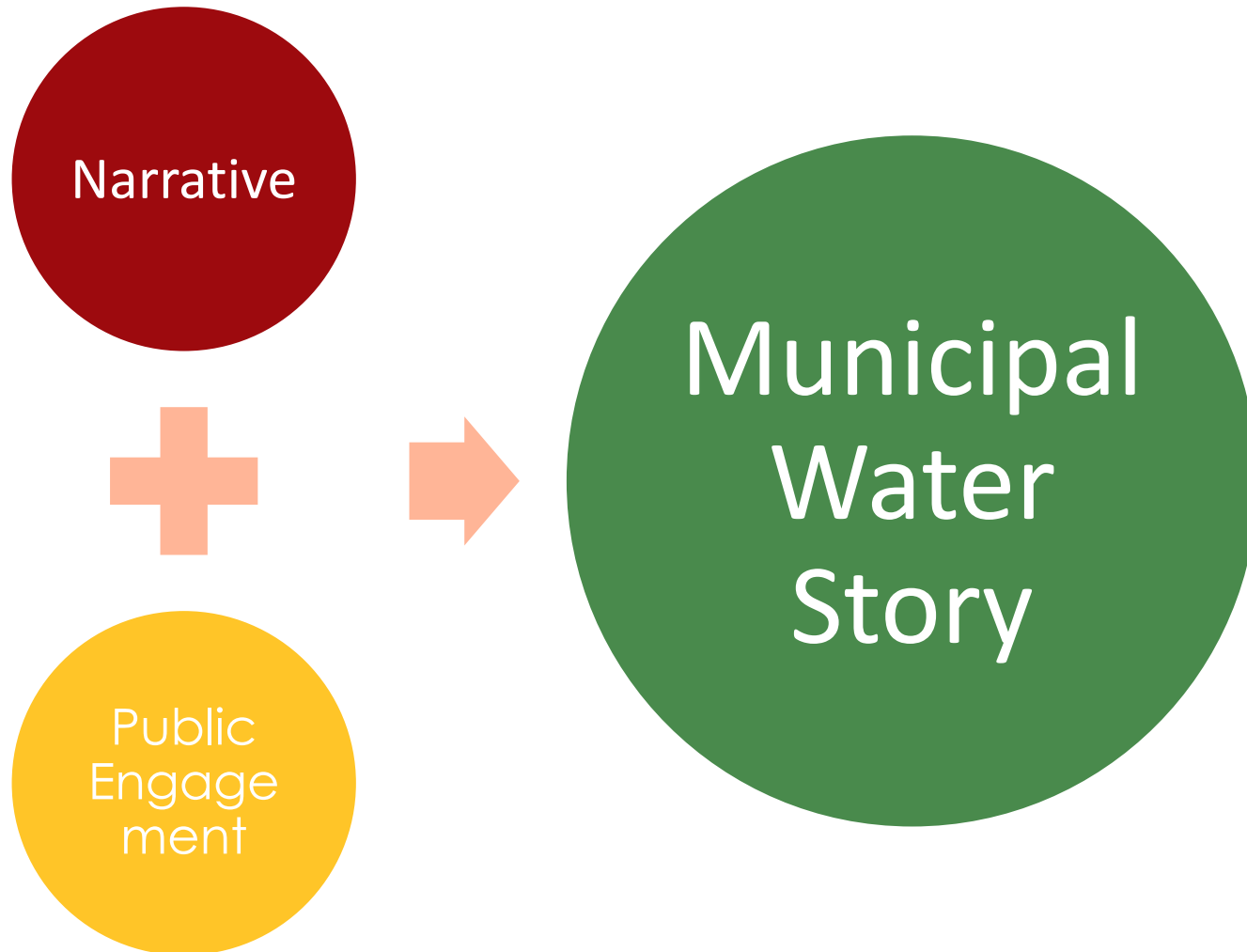
Complete Four Pre-requisite Actions: Two required Actions: Water Story and Environmental Resource Inventory as well as selection of a “high impact” and an additional action.

Prepare Navigational Path: Water Gold application, in which municipality identifies water issues and corresponding actions to advance improvements in water in the years ahead.

Water Gold Star Certification: Navigational Path reviewed during standard municipal certification cycle and gold star awarded for 3 years.



Municipal Water Story





Updates and New Water Actions

New Drinking Water Actions



Private Well Outreach and Testing

10 Points 15 Points 20 Points 25 Points

Why is it important?
Well water testing and sharing information with the community on known areas of well contamination and corrective actions to reduce or eliminate contaminants, the green team can help reduce the risks to residents caused by drinking unhealthy water. A municipality can earn up to 25 points for the action based on the three tiers outlined below.

Who should read and be involved with this action?
Residents
Local health and resource
Local how to do it
Local

Tier 1 (REQUIRED): Produce and share with the community a report that includes private well testing data for your municipality available from the New Jersey Department of Environmental Program and information on relevant treatment and remediation methods for various contaminants. The report or have been completed in the current or previous two calendar years. (10 points)

Tier 2 (OPTIONAL): Encourage private well testing by implementing a testing event or program for the community. The event or program occurred in the current or previous two calendar years. (5 points)

Tier 3 (OPTIONAL): Adopt a well testing ordinance that requires testing procedures established by the New Jersey Private Well Testing Act (PWTA) prior to the transfer of property or change in use or tenancy of property or change in use or tenancy of property. (Additional 10 points)

Private Well Outreach and Testing

10, 15, 20 and 25 points

Three Tiers:

- Tier 1: Prepare Community Well Test Report (10 points)
- Tier 2: Promote well testing (additional 5 pts)
- Tier 3: Adopt a well testing ordinance that requires testing procedures established by the New Jersey Private Well Testing Act (PWTA) prior to the transfer of property or change in use or tenancy (additional 10 pts)




Removing Lead in Drinking Water

10 Points 30 Points 40 Points

New Action March 2020

Lead is a common metal that was once widely used in pipes, solder, and plumbing. However, as lead's toxicity and negative health impacts on humans were discovered by scientists, its use was banned in a number of applications. In 1986, the Federal government prohibited the use of lead in pipes and plumbing. As lead was found to leach into the water supply. While the ban prevented new lead pipes and plumbing from being installed, it did nothing to address the millions of lead service lines that were already buried in the ground and carrying water into homes.

The purpose of this action is to encourage municipalities to reduce their residents' exposure to lead through awareness, education and remediation. The lead point structure reflects the impact a municipality can have on reducing lead in drinking water. This action awards a variable number of points based on the strategies implemented.

10 points: Establish a voluntary testing program to assist residents in determining if there is lead.
Note: The testing program must have been active in the current or 2 previous years.

30 points: Implement an ordinance that requires lead testing of:
- is granted by the town for a residential unit.
- is a certification.

40 points: Implement an ordinance that requires lead testing of:
- is granted by the town for a residential unit.
- is a certification.

Removing Lead in Drinking Water

10, 30 and 40 points

Tier 1: Education and Testing (10 pts)
Tier 2: Education and Ordinance to require testing in change of residency (20 pts) OR
Tier 3: Education and Ordinance to require testing; and remediation before change of residence (30 pts)



Update to Water Conservation Education Program Action



Enhanced Stormwater Management Control Ordinance

Tier	Action	Points
1	Low impact techniques	5
2	Applicability; Retention and definition of Major Development	15
3	2 additional enhancements	25
4	4 additional enhancements	35





Green Infrastructure Planning and Green Infrastructure Implementation

Green Infrastructure Planning

Tier	Action	Points
1	Impervious cover assessment	5
2	Action Plan	5
3	Strategic Plan	10



Green Infrastructure Implementation

Tier	Action	Points
1	Demonstration projects Impervious cover assessment	10
2	Implement Action Plan	10
3	Implement Strategic Plan	20





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