

Green Hospitality & Tourism Workshop

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Water Conservation Measures

David Aucoin

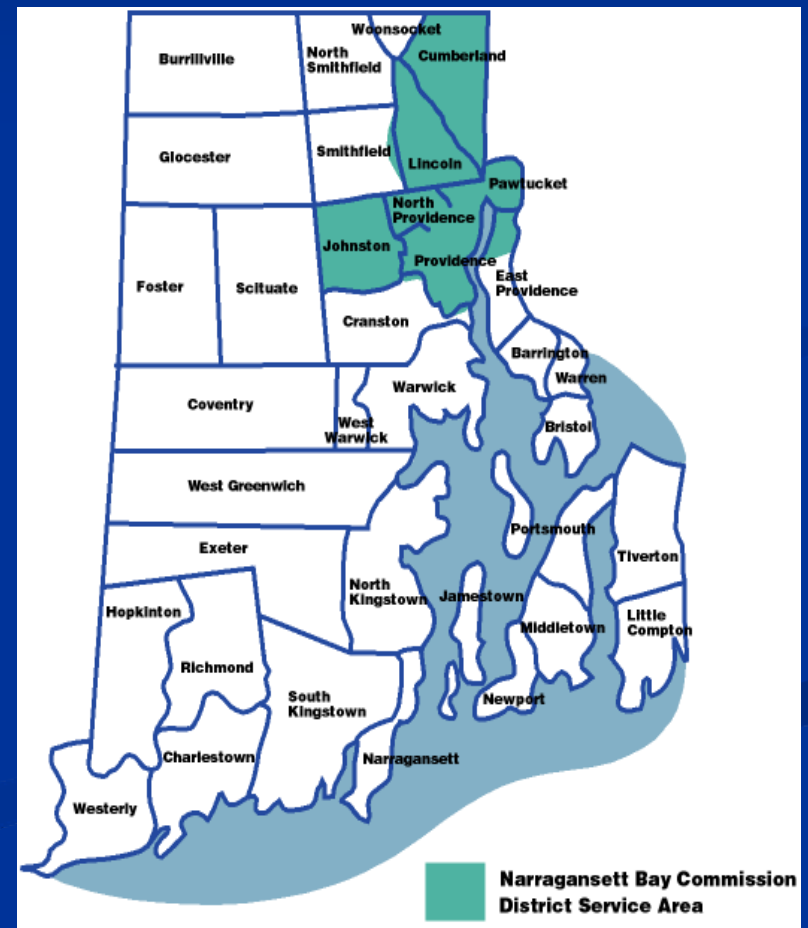
Environmental Compliance Technical
Assistant

The Narragansett Bay Commission



The Narragansett Bay Commission Service District Area

- 10 Cities/Towns
- 360,000 People
- 8,000 Businesses
- Sanitary Wastewater
- Industrial Wastewater
- Stormwater Runoff



The Narragansett Bay Commission - NBC



Field's Point - 40 MGD

- 8 % Industrial Flow
- 720 Permitted Users
- 108 SIUs



Bucklin Point - 20 MGD

- 11 % Industrial Flow
- 415 Permitted Users
- 59 SIUs

Other WWTFs in RI

Bristol

Burrillville

Cranston

East Greenwich

East Providence

Jamestown

Scarborough

New Shoreham



Newport

Quonset Point

Smithfield

South Kingstown

Warren

Warwick

West Warwick

Westerly

Woonsocket



Cost of Water Use

- Incoming Water Use Fees - billed by Local Water Authority
- Outgoing Wastewater Discharge Fee – billed by Local Sewer Authority
 - NBC commercial customer bills consist of Fixed Annual Fees plus Consumption Fees
 - Fixed Annual Sewer Use Fee is based on the *size of water meter:* Ranging from 5/8” to 10”
 - Consumption Fees are based on incoming meter readings
- Energy Use Fee to Heating Water – billed by Energy Company (Gas, Electric, Fuel Oil)

Water Meters

- Meter readings are in either:
 - Cubic feet (CF)
 - Hundred Cubic Feet (HCF),
 - or Gallons

(1 HCF = 750 gallons)



Ways to Conserve Water & Save Money

- Install low-flow faucets, toilets, & showerheads.
- Check equipment & pipes for leaks.
- Check your meter for unusual activity during “down hours.”
- Contact NBC for a free Water Audit.

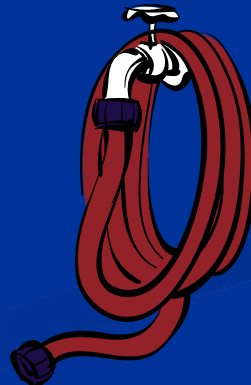


Additional Conservation Measures

- Encourage a limited amount of towels/person/day.
- Investigate water softener options. Softer water combines faster with soaps and promotes shorter showers and quicker hand washing.
- Capture & reuse rainwater with industrial-sized cisterns (lawn/garden irrigation),
- Promote the use of paper products when/if possible,
- Observe how staff are using the water,
- Give out water on-request when/if possible.

NBC's Water Audit Program

- Free, on-site, non-regulatory, & voluntary service for commercial & industrial users.
- Receive an accurate profile of your business's water consumption and get recommendations that may reduce your water use fees, sewer use fees, and energy costs.



Questions?



Customer Service Department – 461-8848, ext. 363
Environmental, Safety & Technical Assistance
Section – ext. 418