



# Financing coastal water quality projects: The State Perspective

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Department of Environmental Services



# Variety of Funding Sources

- 319
- 306
- 310
- NEP
- Clean Vessel Act
- SeaGrant
- CICEET
- Local in-kind
- SRF



# Examples of projects and funding

- Illicit discharge detection and elimination -- IDDE
- Microbial source tracking (MST)
- Hampton stormwater bacteria project
- Hodgson Brook
- Peirce Island



# Illicit discharge detection and elimination -- IDDE





## IDDE

- Dover, Portsmouth, Somersworth, et al
- Funding – NHCP, NHEP, 319, locals
- Phase II? Is there a spin doctor in the house?
- Began in 1996 as part of stormwater project
- CSO costs – EPA letter of deficiency

# Microbial Source Tracking (MST)



# MST

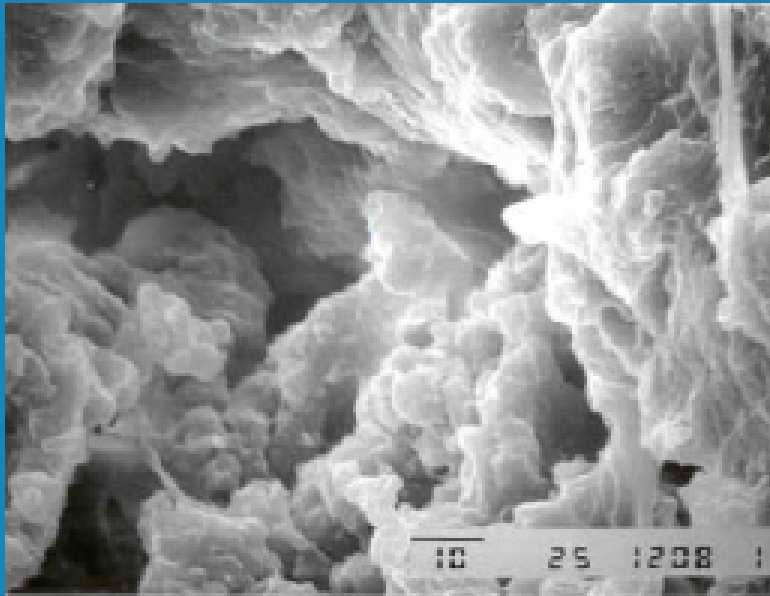


- Funding through 319, UNH, Beach
- Purchase of Riboprinter
- Pollution surveys through Shellfish (FDA, NHEP)
- Use this information to focus outreach and funding
- Outreach efforts – pet waste, septic systems, illicit discharge funding

# Hampton stormwater bacteria project

## How SmartSponge® Plus works

The SmartSponge® Plus has an antimicrobial agent bonded to the surface of its polymers



Close up



SmartSponge

# Stormwater Bacteria Project (SmartSponge)



- Funding from NHCP, 319 and local
- Partnership between UNH, Con Com, DPW, DES and consultant
- SeaGrant – Supported outreach, stenciling
- Research, pollution elimination and outreach combined

# Hodgson Brook



# Hodgson Brook



- 2002 – Advocates for the N. Mill Pond identified this as major course of pollution
- Watershed plan with 319 \$
- City did GIS work, volunteers did leg work, created local advisory committee
- Implementation with NHEP \$ – NGO is coordinating (Blue Ocean Society)
- NH Technical College – donating space for coordinator

# Peirce Island



# Peirce Island

- 1978 Master Plan for the area which includes public swimming pool, walking trails, water access and boat launch.
- 1993 project – Playground (CDBG) and erosion control (LWCF and CZM) and lots of City money as match
- 1998 Update of Master Plan – similar to the 1978 version (Blue Ribbon Commission = political interest)

# Peirce Island

## East End Trails

- 319 - Erosion control
- 306 - Trail and signs
- Other funding from Rotary and  
and citizen donations

## West End Trails

- 306 - Trails and benches
- 310 - Vortechnix and parking lot
- City - Pool and volleyball pit





# Conclusions

- Start with a master plan/vision document
- Multiple funding sources
- Federal grants have match requirements
- Strange bedfellows can get more \$
- Phasing of projects and specific deliverables
- Local champions (the tireless kind)