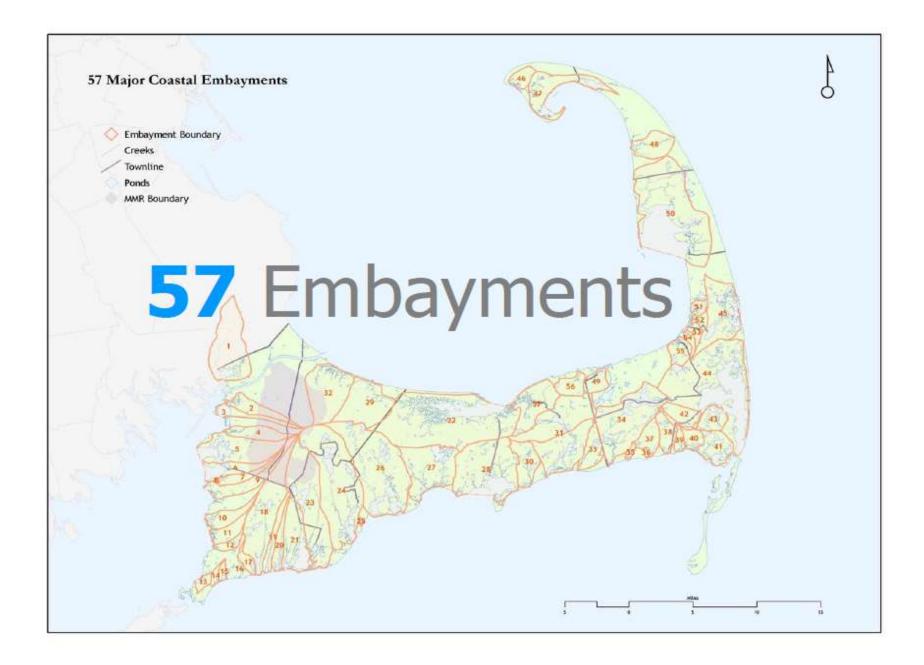
Section 208 Area-Wide Water Quality Management Plan Update

Outer Cape Area



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NO Single Solution

No "silver bullet" to fit multiple needs: Traditional Gray Infrastructure AND Green Infrastructure & Alternative Approaches

STRATEGIES:

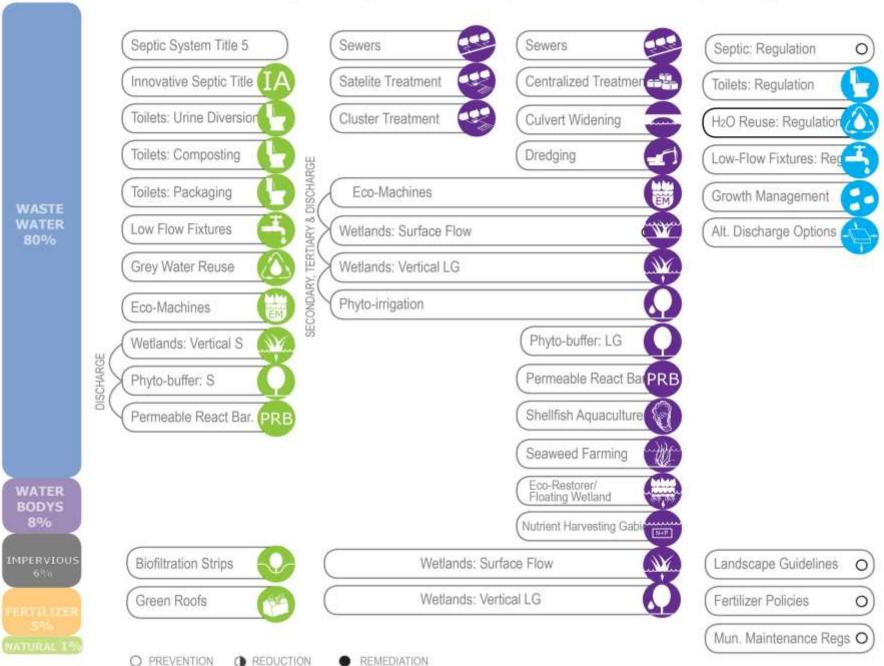
Site Scale

Neighborhood

Watershed

Cape-Wide





Stakeholder Engagement

CAPE-WIDE

Advisory Board Communications Strategy Communications Campaign Benchmarking & Assessing Program Branding Regulatory Coordination

Technical Advisory Committee

WATERSHED

Stakeholder Communication Workshop Facilitation Capacity Building Watershed Status Portal watersheds.capecodcommission.org

Project Team

Consultants: AECOM, Consensus Building Institute Emerson College, Engagement Game Lab, Offshoots Productive Landscapes

Staff: Cape Cod Commission

Advisory Board

June 18th – First Meeting

Members:

Robert Churchill	Churchill Associates
Robert Lawton	former Yarmouth Town Administrator
Wendy Northcross	CEO of the Cape Cod Chamber of Commerce
Sheila Vanderhoef	Eastham Town Administrator
Virginia Valiela	Member- Falmouth Water Quality Mngmt Committee
Robin Wilkins	former Town of Harwich Selectman

Regulatory, Legal & Institutional Work Group

Members:

Cape Cod Commission

MassDEP

U.S. EPA

U.S. Army Corps of Engineers

Financial/Regulatory Goals

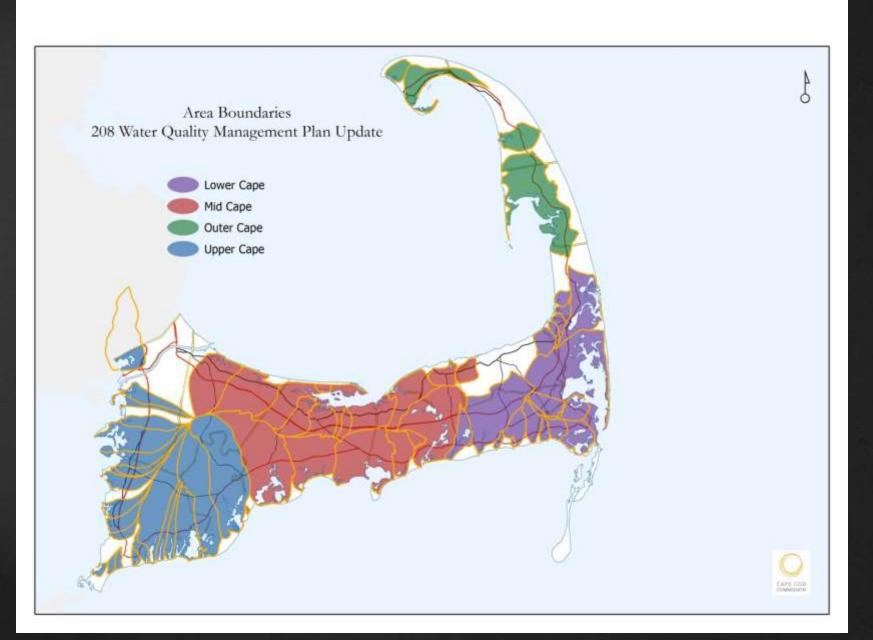
Work with state and federal partners for:

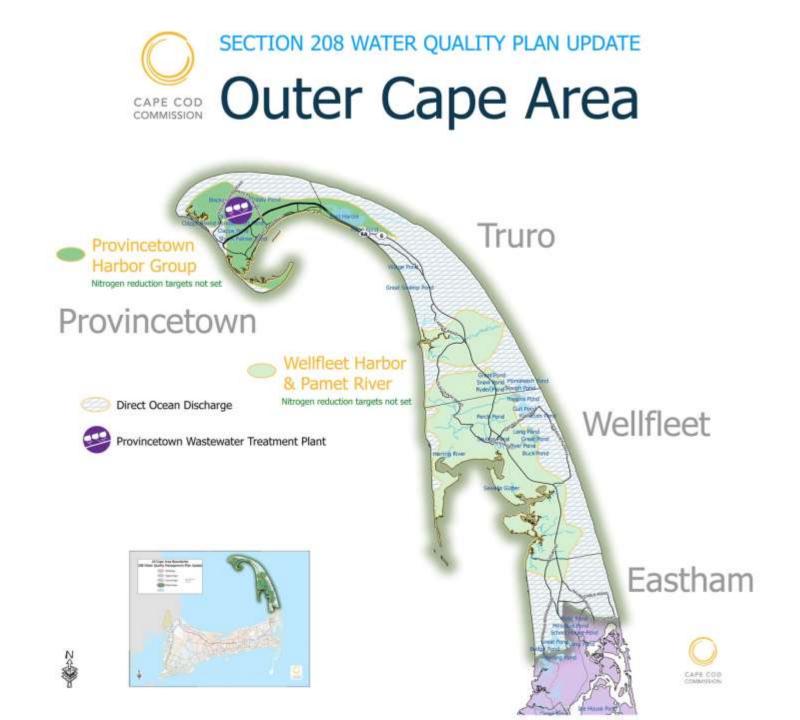
- Regulatory flexibility
- Funding supporting 50% of capital costs

New Tools/Resources

The Commission is developing a set of innovative tools to assist with decision making.

- Watershed MVP
- Systems Dynamics Model
- Green Infrastructure Site Selection Process
- Game-based Planning

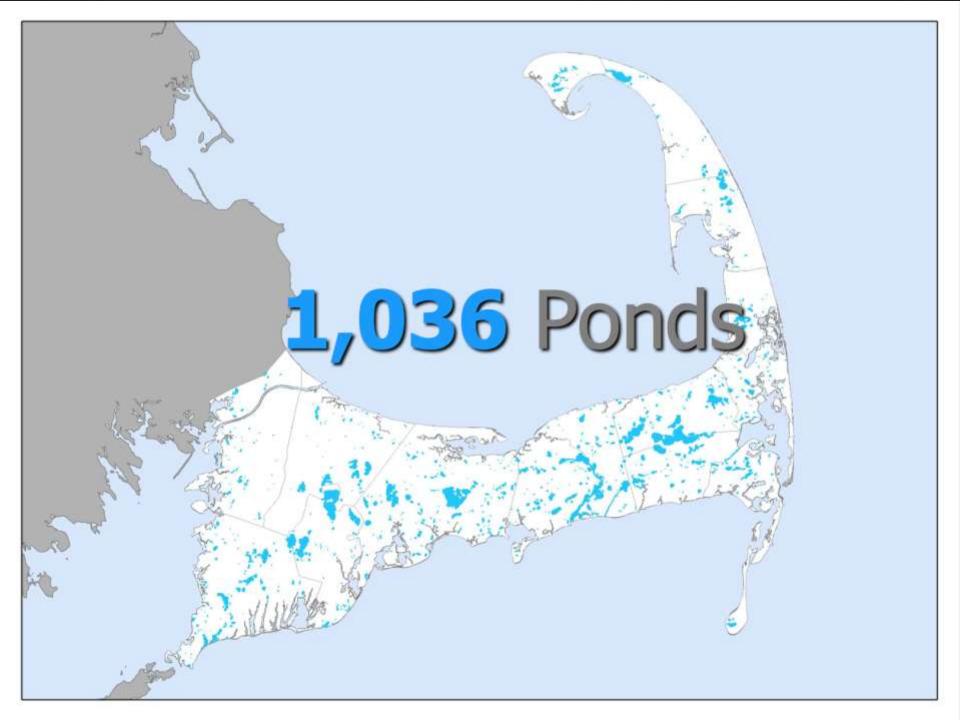


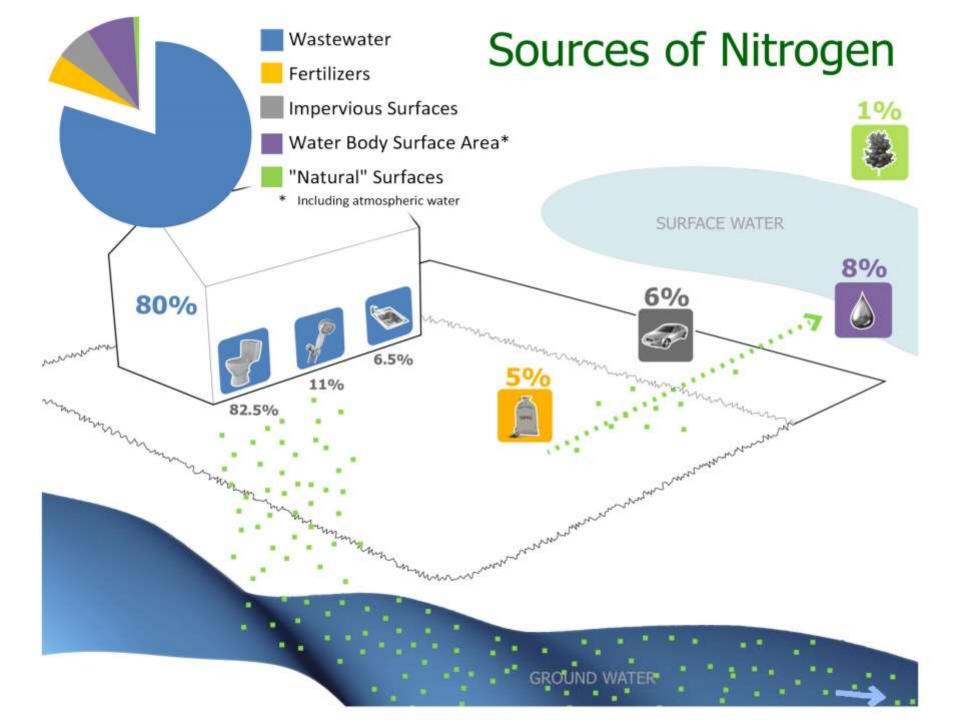


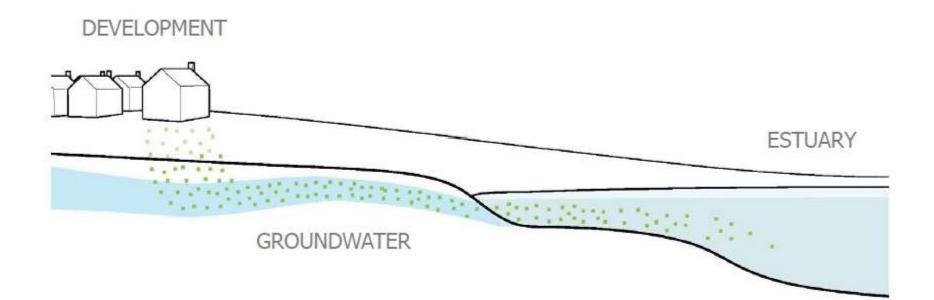
Watersheds to Coastal Embayments and Town Boundaries

Watershed Embayments within a Town Boundary Watershed Embayments that cross Town Boundaries

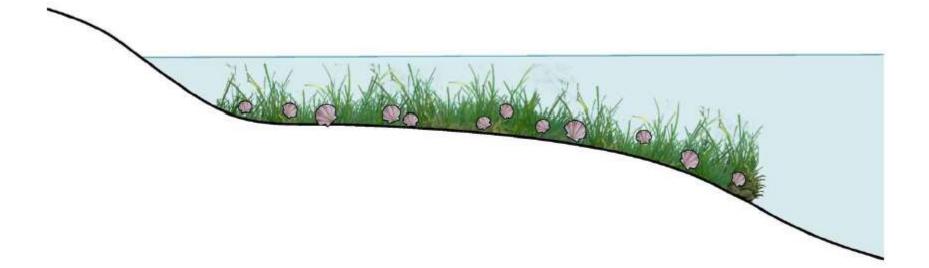
A Regional Issue



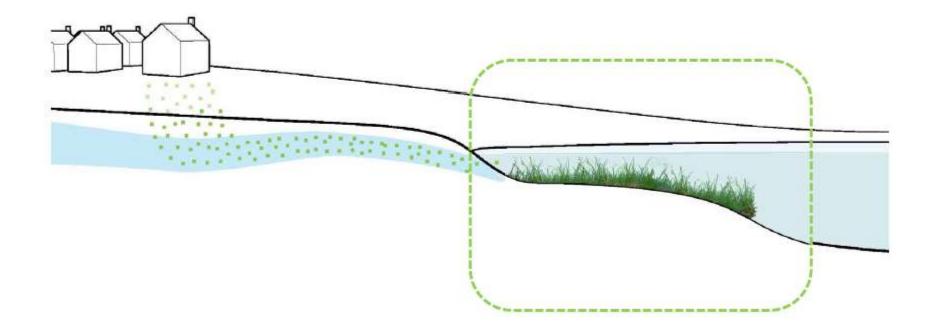




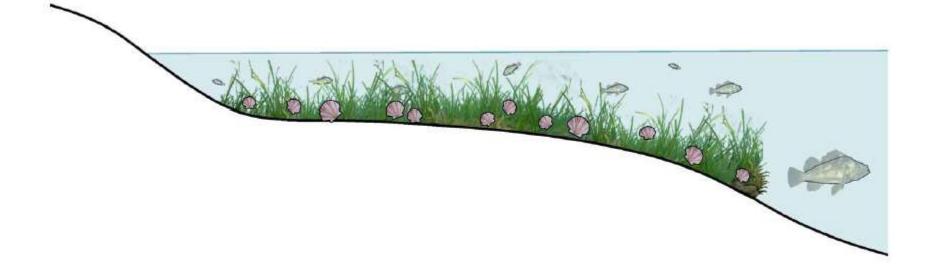
The Nitrogen Story



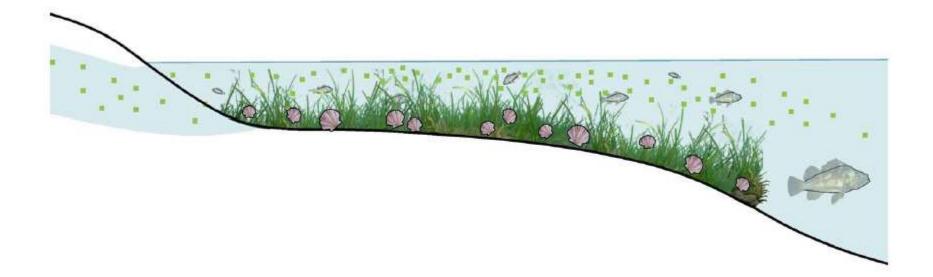
Healthy Shoreline



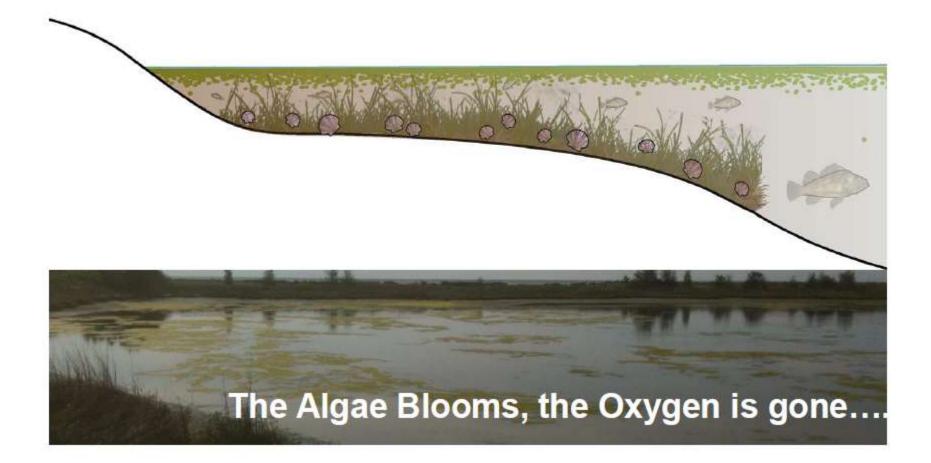
Where Groundwater Meets the Estuaries....



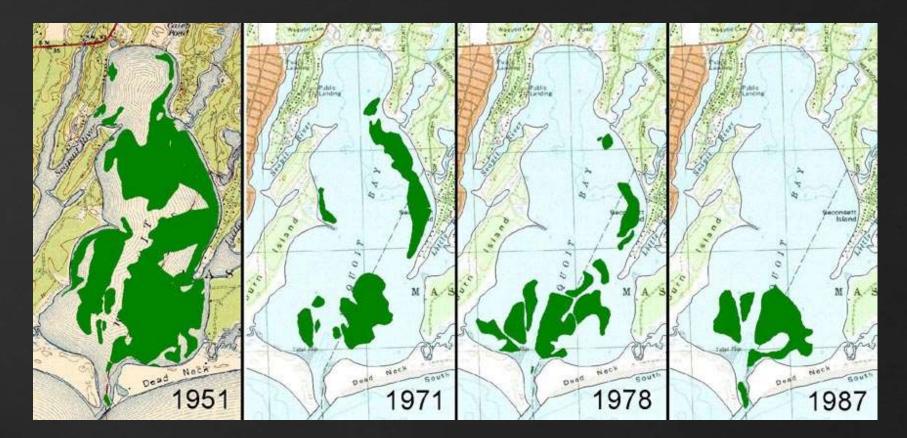
A Diverse Habitat



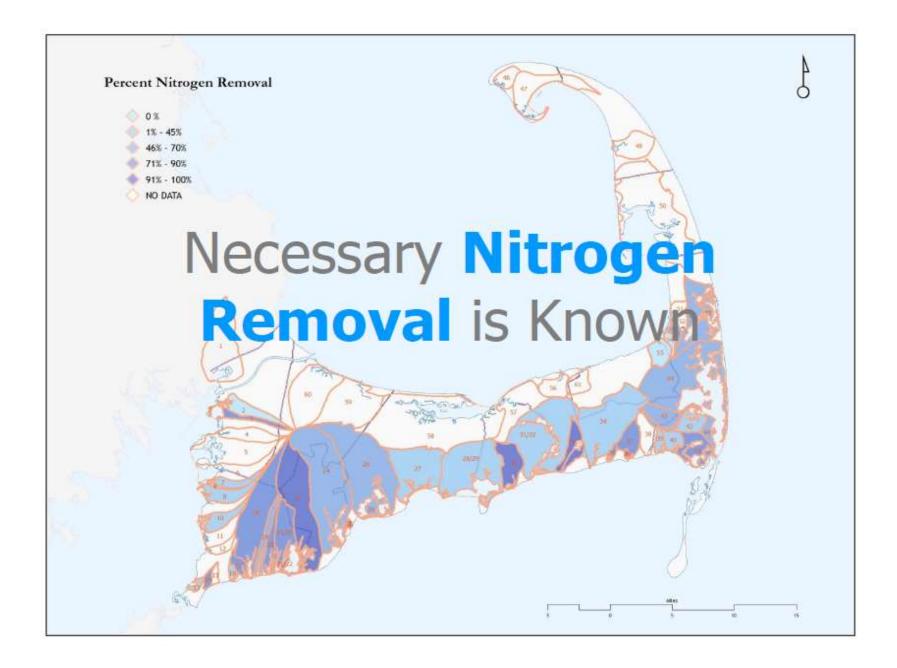
The Nitrogen Enters from Groundwater....



Coastal Water Quality Problem



Reduction in eel grass Waquoit Bay - Falmouth and Mashpee



Approach to the 208 Plan Update

- Update to 1978 Plan
- Watershed-Based
- Stakeholder Engagement Cape-Wide & Watershed-Based
- Maximize Benefits of Previous Planning
- No Optimal Solution. Diverse Technologies
- Adaptive Technology Development, Pilot Projects, Progress Monitoring
- Coordination with MassDEP and U.S. EPA

Outreach

208 Town Meetings

Discussion

- 208 watershed planning process
- Status of local planning to date

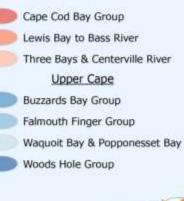
Public Meetings – Work Plan & Project Goals

- Outer Cape 7/15
- Upper Cape 7/16
- Lower Cape 7/17
- Mid Cape 7/18

Sub-Group Boundaries 208 Water Quality Management Plan Update

Lower Cape Boat Meadow & Herring River Herring River Namskaket Group Pleasant Bay/Town Cove/Nauset Marsh Stage Harbor Group Outer Cape Provincetown Harbor

Wellfleet Harbor & Pamet River



Mid Cape



9

Working Group Participants

- Target of 15-20 members per working group
- 8-10 Designated Seats
 - Local Elected Officials
 - Wastewater Committee Member
 - Town Professional Staff
 - Local Business Owner/Operator
 - Local Environmental Organization
 - Civic Group Member
 - Alternative Technology Interest
 - Development/Real Estate Community
- 5-7 open seats for each group
- Consensus Building Institute to facilitate selection process, decisions made by participants.

Stakeholders Should Expect to...

- Represent and articulate the diverse range of interests and concerns of the constituencies they represent.
- Seek input from constituents, and keep them informed about the discussions and proceedings of the Working Group.
- Attend all meetings and participate actively in discussions.
- Engage in respectful and constructive dialogue with other participants, and seek creative options to resolve wastewater problems that respond to their own interests as well as other viewpoints.

Stakeholder Workshops

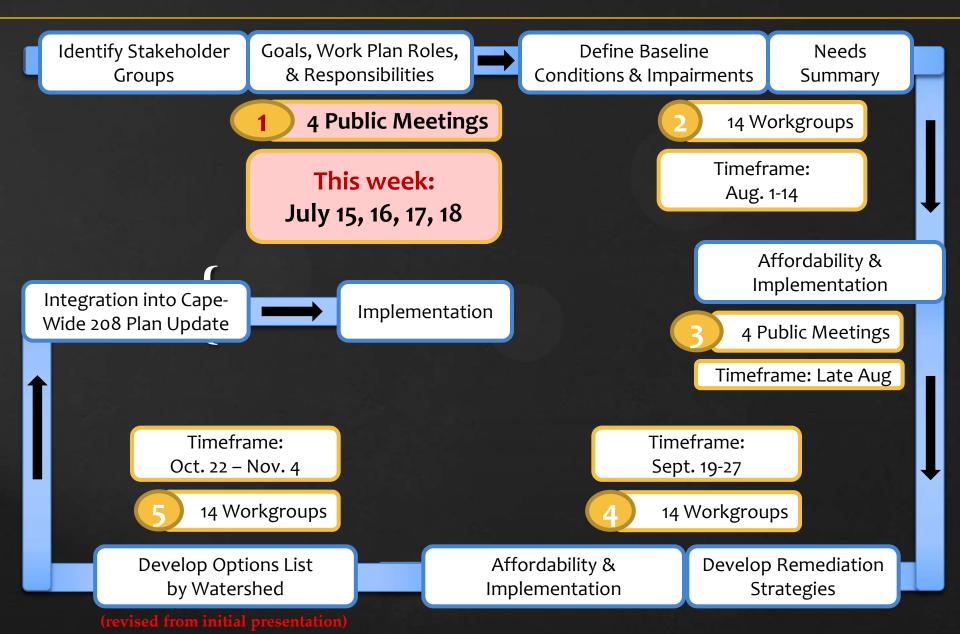
Three meetings for each of 14 Watershed Groups

MEETING 1: Baseline Conditions & Impairments

MEETING 2: Develop Remediation Strategies

MEETING 3: Preferred Plans by Watershed

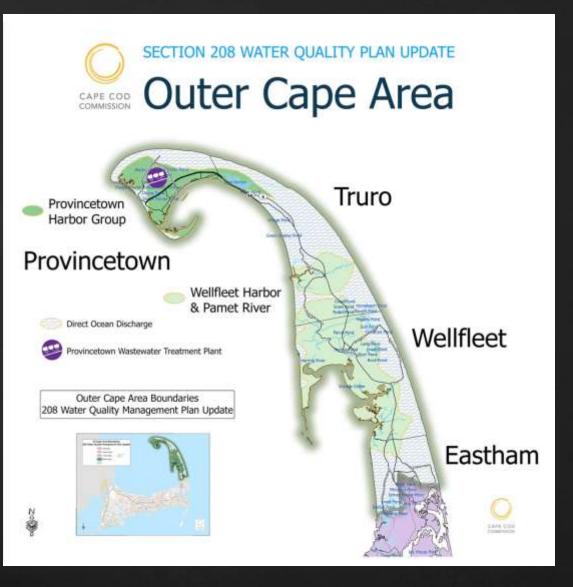
The 208 Process - Year 1



Outer Cape Working Groups

Provincetown Harbor Group			
Provincetown Harbor Group Judge Welsh Room		8:30 a.m – 12: 30 p.m.	
Aug. 1	Sept. 24	Oct. 29	
Wellfleet Harbor & Pamet River Group			
Wellfleet Council on Aging		1 – 5 p.m.	
Aug. 6	Sept. 25	Oct. 30	

QUESTIONS?



Thinking about this process...

What is our greatest opportunity? What is our greatest challenge?

Take 15 minutes to talk these over in small groups.

Register to Play Cape₂O

Cape₂

http://communityplanit.org/capecod



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