2

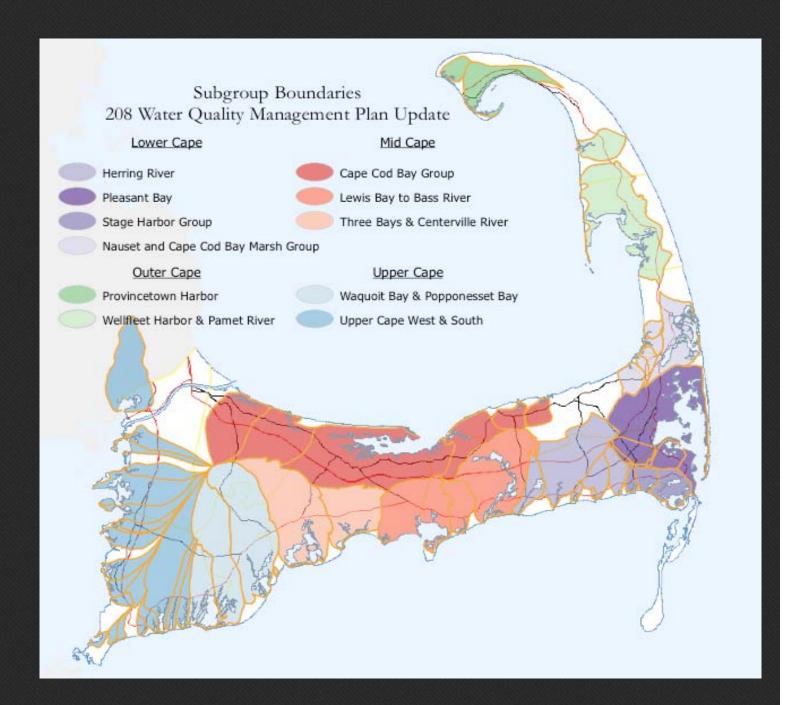
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## STAKEHOLDER SUMMIT



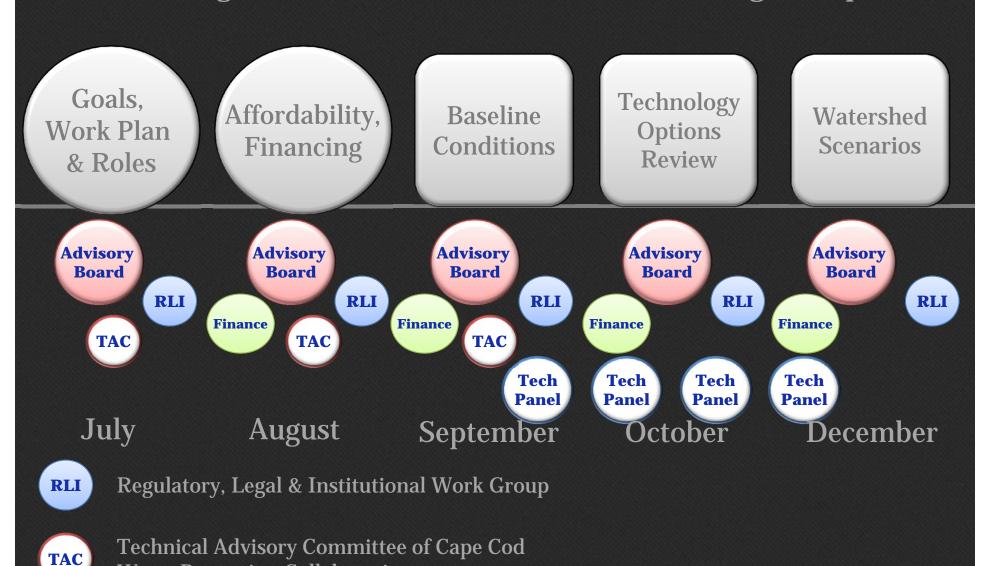
## Stakeholders



## Subregional

Water Protection Collaborative

## **Watershed Working Groups**



# MEETINGS

11 PUBLIC MEETINGS

27

COMMITTEE MEETINGS

**32** 

WATERSHED MEETINGS

Existing Water Bodies Regulatory Wastewater Identify Current N Removal Needs (Targets/Reduction Goals) **Present Load: Reduction Required:** Target: X kg/day Y kg/day N kg/day Additional N Removal Needs A. Title 5 Problem Areas C. Growth Management B. Pond Recharge Areas **Low Barrier Technologies** A. Fertilizer Management B. Stormwater Mitigation **Watershed Alternative Technologies** C. Constructed Wetlands A. Permeable Reactive Barriers B. Inlet/Culvert Openings D. Aquaculture **On-Site Alternative Technologies** A. Eco-toilets (UD & Compost) C. Enhanced I/A Technologies B. I/A Technologies D. Shared Systems **Priority Collection/Sewer Areas** A. Greater Than 1 Dwelling Unit/acre C. Economic Centers B. Village Centers D. Growth Incentive Zones **Supplemental Collection / Sewer Areas** 





#### **STAKEHOLDERS:**

**Generating Ideas** 

**Reflecting on Ongoing Work** 

**Shaping Recommendations** 

**Building Collaborations** 

### **FOCUSED ON:**

**Shared Watersheds and Shared Planning** 

**Monitoring and Adaptive Management** 

**Financing and Affordability** 

## Sample Cape Cod Subwatershed

TOWN OF YARMOUTH MASSACHUSETTS

MAP 1: TOTAL COLLECTION AREA NECESSARY TO MEET: Current Nitrogen Removal Needs

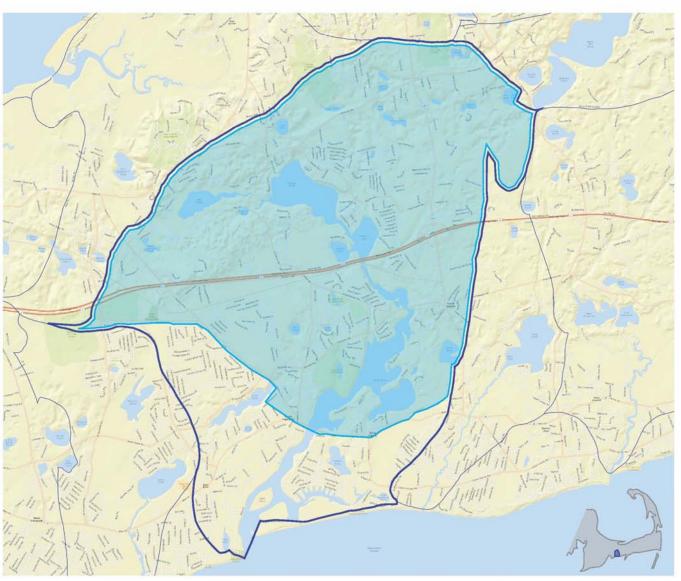
#### NITROGEN CALCULATOR

1 Current N Rem	oval Needs (TMDL)	+37,40	0 KG/YR	+100
2 Additional N R	emoval Needs			Ų.
	Failed Title 5 Systems			
	Anticipated Growth Areas			
3 Low Barrier Te	chnologies			Ų.
e	Fertilizer Management			
0	Stormwater BMPs			
4 Watershed Alt	ternative Technologies			ii.
	Const. Wetlands - GW		- 1	
0	Const. Wetlands - SW			
C	Phytobuffer			
PRI	Perm React Barrier		1	
@	Fertigation Wells			
(6	Shelfish Aquaculture			
4	Infet Widening			
5 On-Site Altern	native Technologies			
Œ.	VA Title 5 Systems		1	
0000	Alt. Toilet Systems			
6 Collection/Sewer		-37,40	O KG/YR	-100°
Remainin	g Nitrogen to Meet Goal	0 8	0 KG/YR	0%
In	dicator Bar			
	n esta			
	3225 Main Street - Barnstable,		DATE	7
CAPE COD	(508) 362-3828 - www.capecodcom	mission.org	02.04.14 SHEET N	-

Draft Watershed Concept Maps

SC-1

CAPE COD COMMISSION



#### 3

CAPE COD

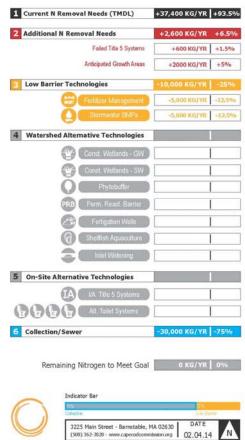
COMMISSION

#### Sample Cape Cod Subwatershed

TOWN OF YARMOUTH MASSACHUSETTS

MAP 3: TOTAL COLLECTION AREA NECESSARY TO MEET:
Current Nitrogen Removal Needs
+ Additional Future Nitrogen Removal Needs
- Low Barrier Technologies

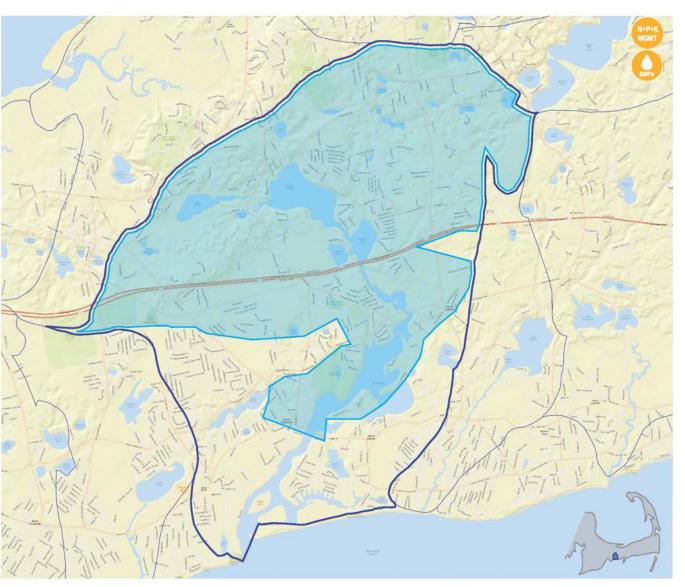
#### NITROGEN CALCULATOR



Draft Watershed Concept Maps

SHEET NUMBER

SC-3



#### Sample Cape Cod Subwatershed

TOWN OF YARMOUTH MASSACHUSETTS

MAP 5: TOTAL COLLECTION AREA NECESSARY TO MEET:
Current Nitrogen Removal Needs
+ Additional Future Nitrogen Removal Needs
- Low Barrier Technologies
- Watershed Alternative Technologies
- On-Site Alternative Technologies

#### NITROGEN CALCULATOR



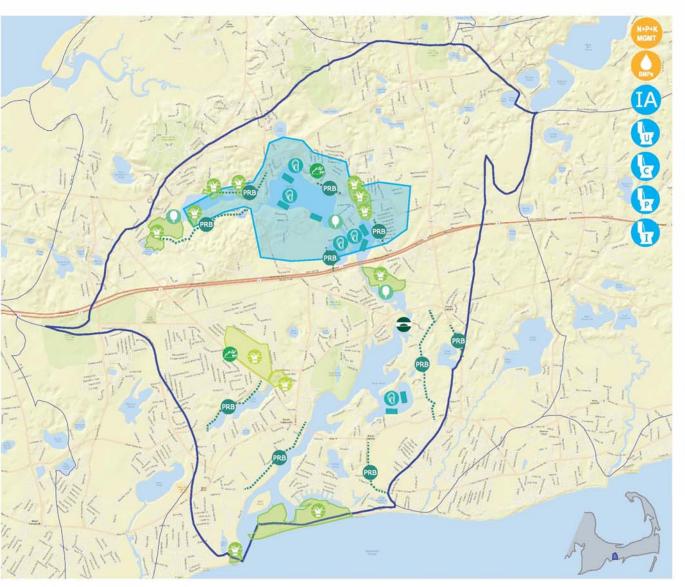
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COMMISSION

SHEET NUMBER

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STAKEHOLDER SUMMIT