



Old Colony Planning Council Regional Water Plan

Workshop 9: Implementation and Adaptive Management

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November 18, 2024

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Agenda

1. Public Comment
2. Discussion on Regional Portfolios
3. Discussion on Decision Points and Monitoring Data Collection

OCPC Regional Water Plan 2

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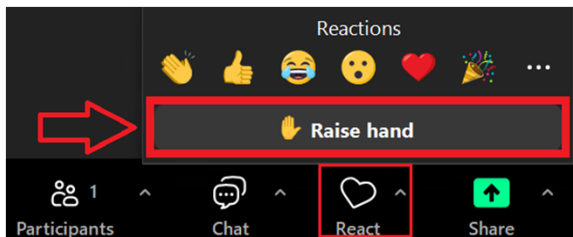


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Zoom Etiquette

- Indicate you would like to speak by **raising hand**

- Raise your hand by clicking on react



- When not speaking, stay on mute



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Public Comment

- 3 Minutes Maximum
- We will tell you when it is your turn and will unmute you and

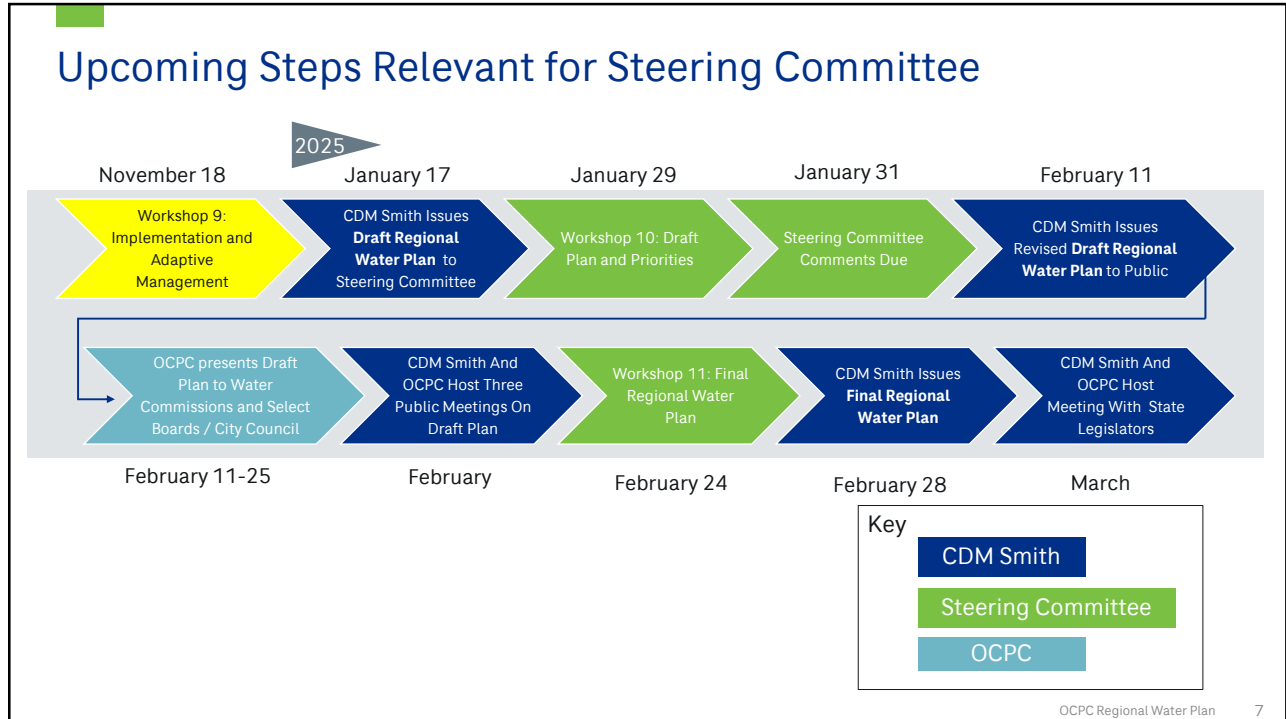
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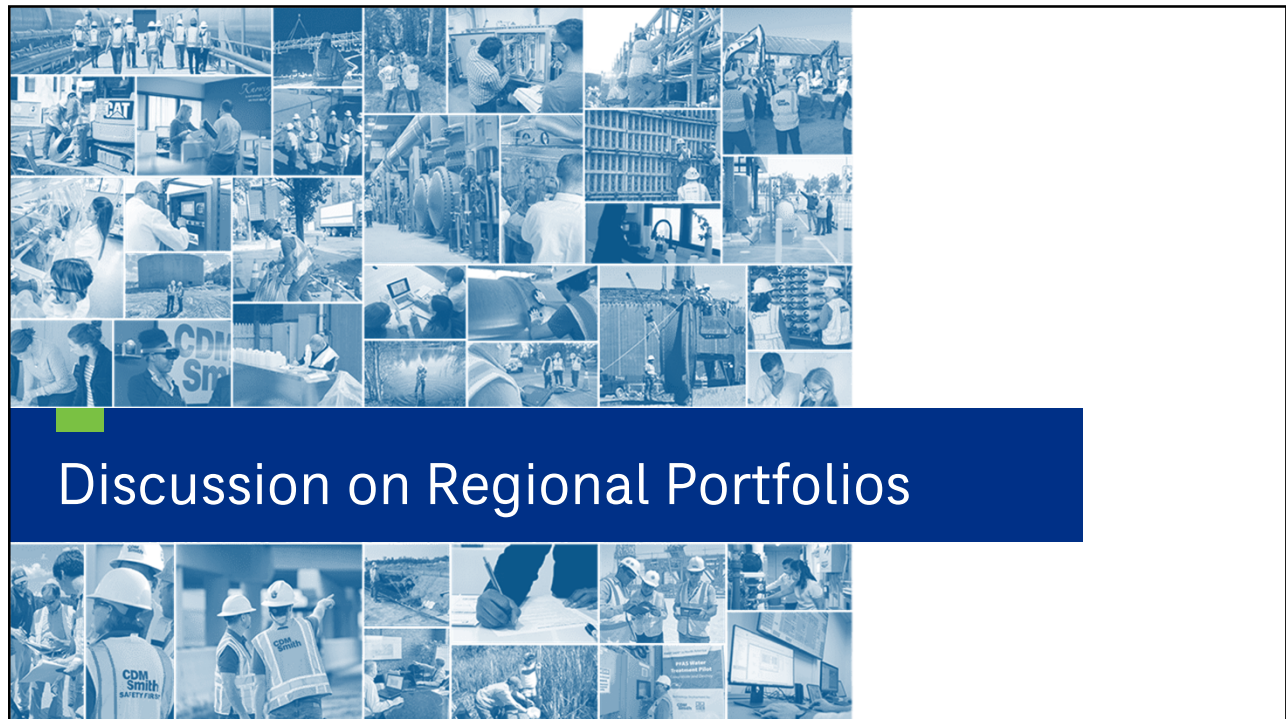
Public Comment



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Participation in Discussions Today

We will use this icon to indicate that we want to hear your thoughts in the chat

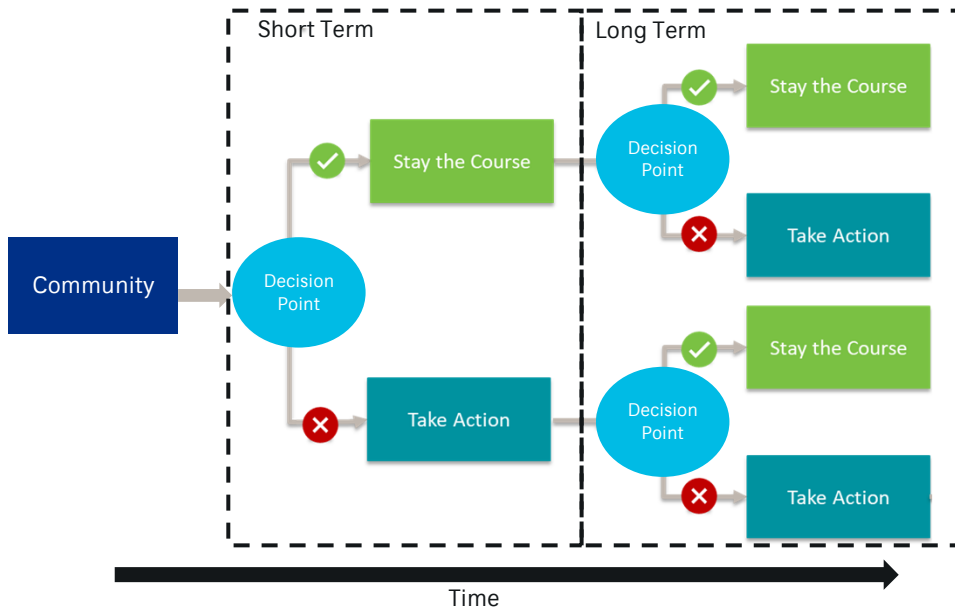
- For each discussion question, we have time for a few folks to expand upon their points by coming off mute

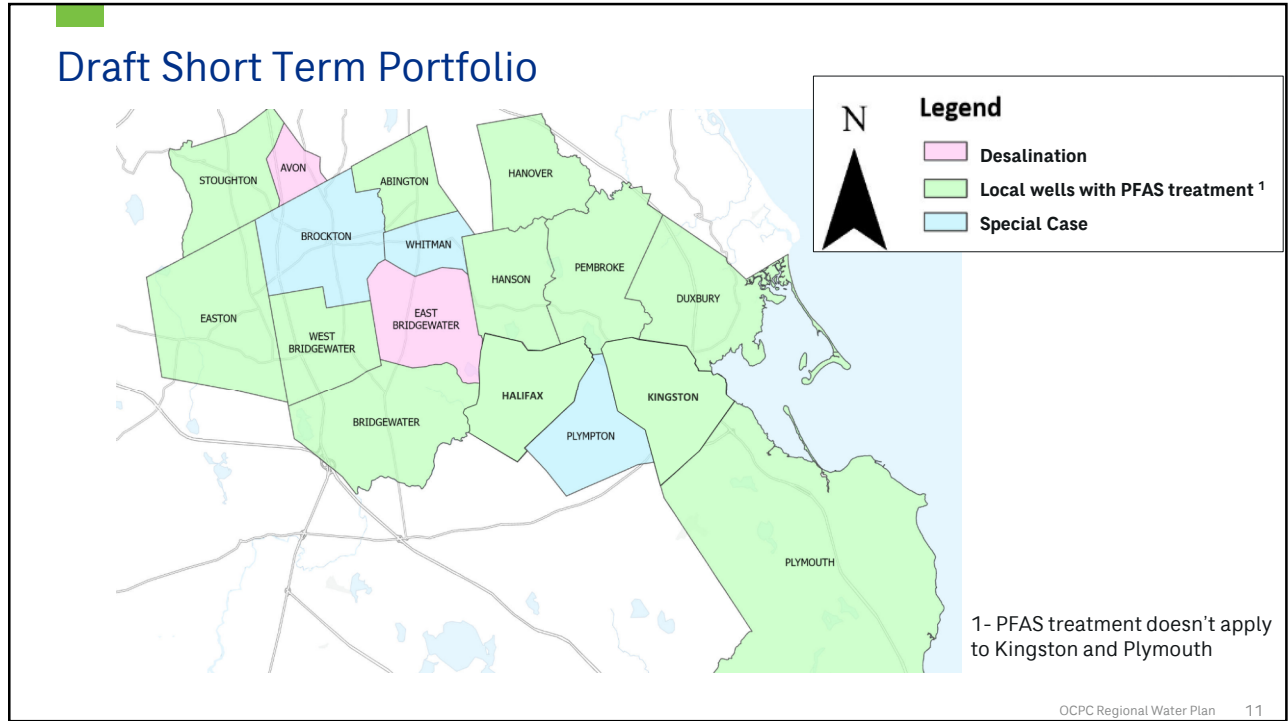


Remember our engagement protocols:

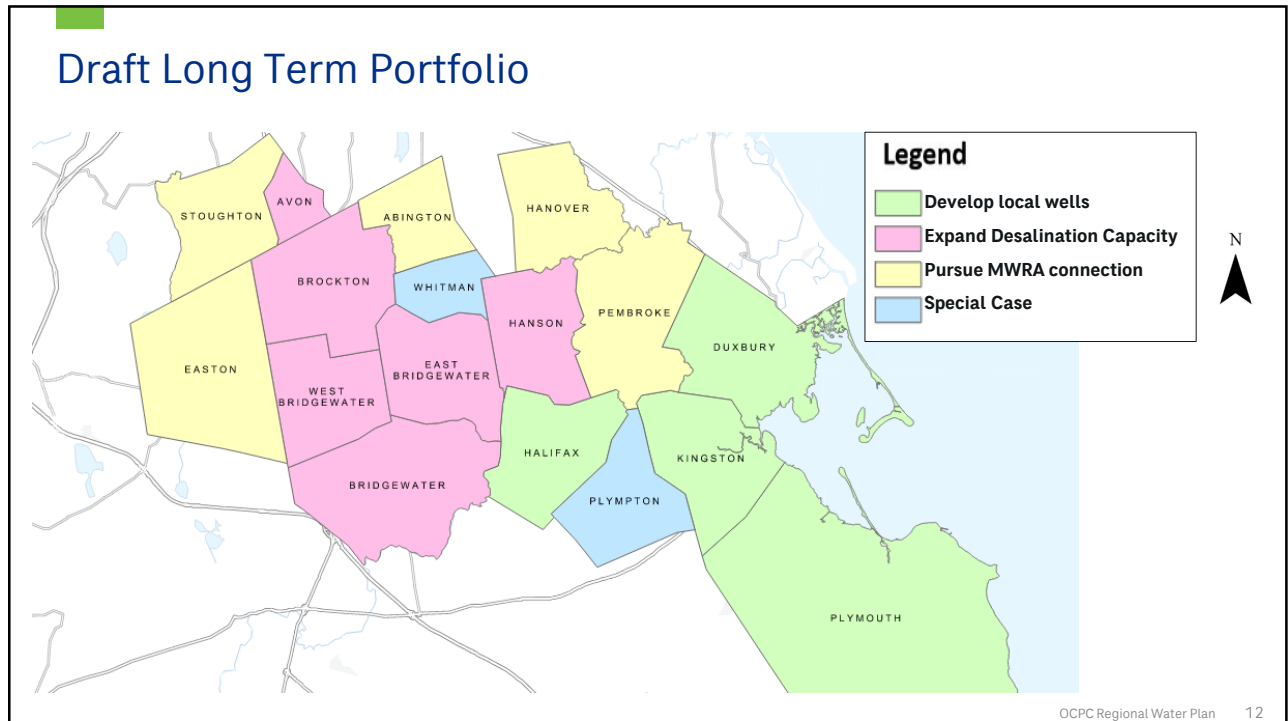
- We agree that there will be one voice for each organization.
- We will actively listen to others and take turns while speaking.
- We will represent our organizations, as well as those with similar challenges, and the region.
- Regulators will join us to provide feasibility insights, lessons from other regions, guardrails, and their own education about the needs in the region.
- We will seek to arrive at a point where we can advocate for the plan.
- As a group, we will make recommendations, not necessarily decisions.
- We will be patient with the pace of this project.
- Debate and disagreement are part of this process, but they must be constructive, forward looking, and respectful.

Example of an Adaptive Management Plan





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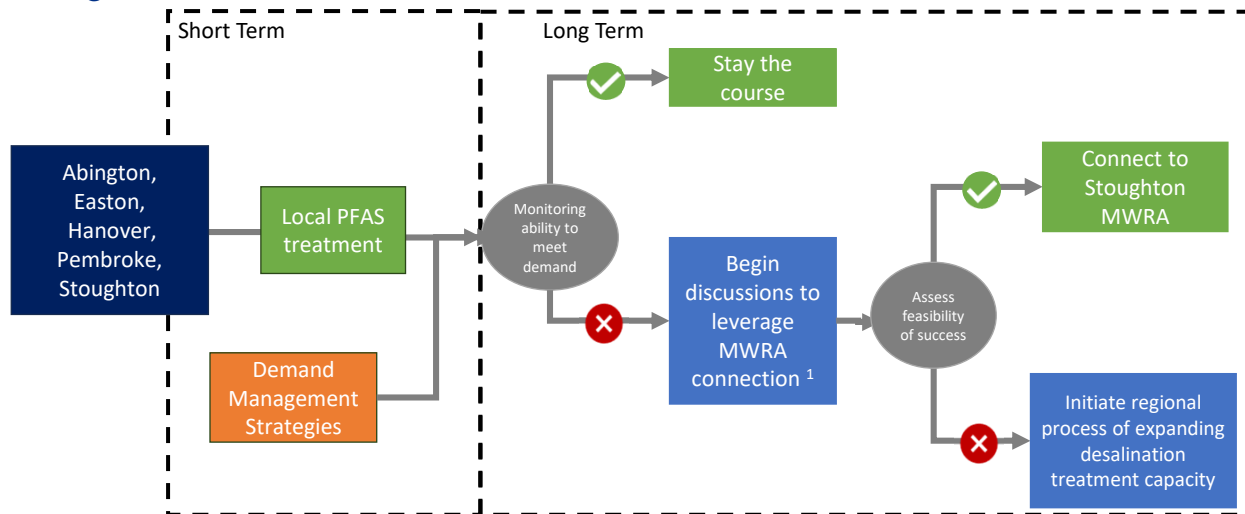
Summary Table of Different Paths for the Draft Portfolio

Description	Communities
Desalination in the Short Term	Avon, East Bridgewater
Develop PFAS Treatment in the short term, connect to MWRA in the long term	Abington, Hanover, Pembroke - through Weymouth Easton, Stoughton - through Stoughton
Develop PFAS Treatment in the short term, potentially expand desalination treatment capacity in the long term	Bridgewater, Hanson, West Bridgewater
Develop PFAS Treatment in the short term ¹ , Long Term Supply from Local Wells	Duxbury, Kingston, Plymouth, Halifax
Special cases	Brockton, Plympton, Whitman

¹ PFAS treatment doesn't apply to Kingston and Plymouth

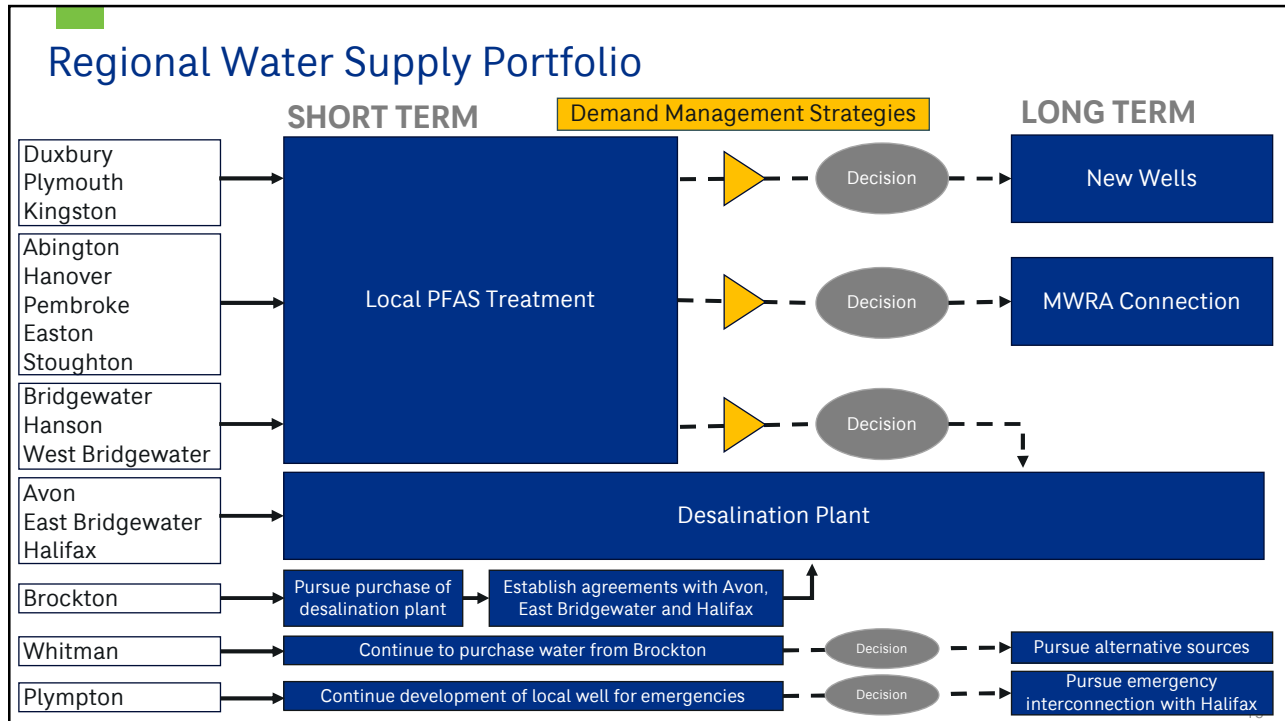
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Draft Adaptive Management Plan: Short Term PFAS Treatment, Long Term Connection to MWRA

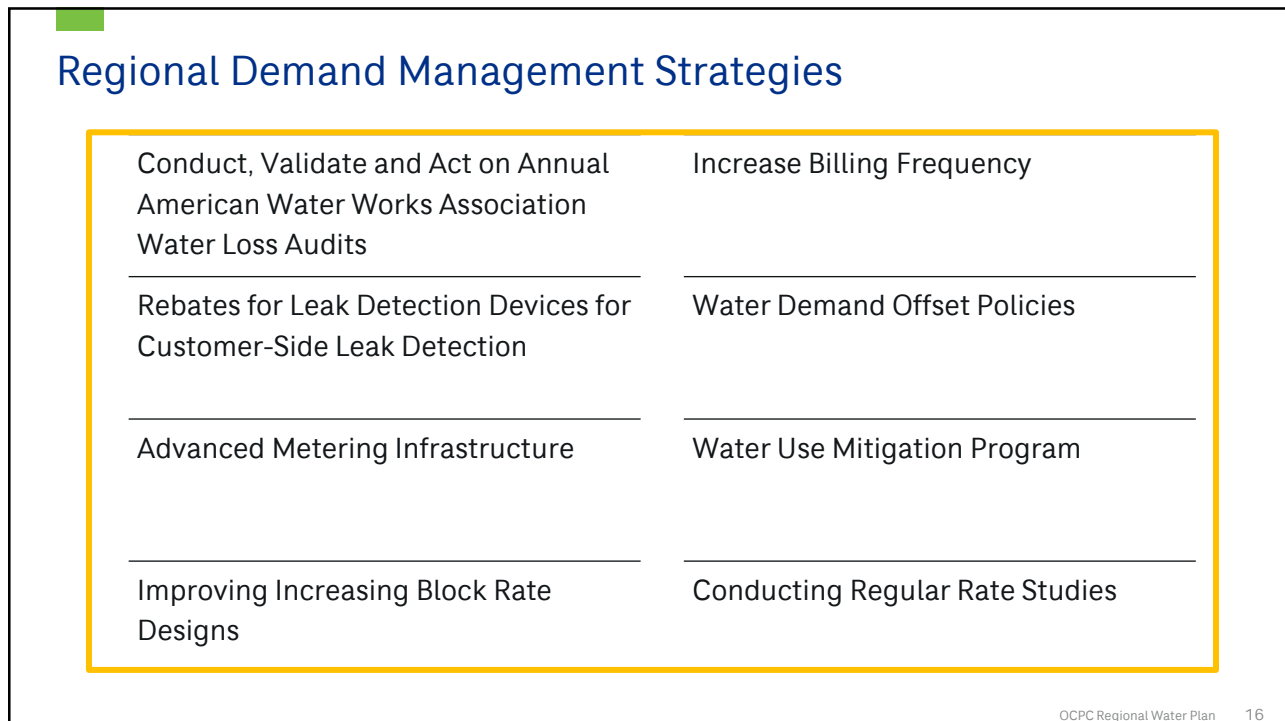


1- Abington, Hanover, Pembroke will pursue connecting to MWRA through Weymouth
Easton will pursue connecting to MWRA through Stoughton

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Public Water Supply Watershed Sources

South Coastal Basin	Combination	Taunton River
<ul style="list-style-type: none"> - Duxbury - Hanover - Kingston - Pembroke - Plymouth 	<ul style="list-style-type: none"> - Abington - Brockton <li style="padding-left: 20px;">-Whitman* 	<ul style="list-style-type: none"> - Avon - Bridgewater - East Bridgewater - Easton - Halifax - Hanson - West Bridgewater

* Whitman purchases its public water supply from Brockton

Note: Plympton not included as there is no public water supply, but private well users span both South Coastal Basin and Taunton River Watersheds

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Regional Best Practice Recommendations

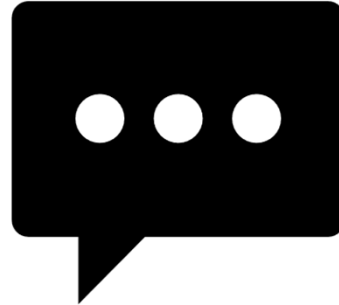
Ecosystem Health	<ul style="list-style-type: none"> Identification of Reservoir Management Strategies Identification and Removal of Migratory Obstructions Ecosystem Evaluation and Ecological Flow Needs Native Landscaping Conservation, Land, And Water Use Education Program Regional Conservation Committee: Coordinate Protection of Shared Resources
Agriculture	<ul style="list-style-type: none"> Redundant Water Supply for Agriculture Support Agricultural Demand Side Management
Private Wells	<ul style="list-style-type: none"> Private Well Outdoor Water Use Restrictions Local By-Laws Requiring Water Quality Tests of Private Wells By-Laws
Wastewater	<ul style="list-style-type: none"> Regional Wastewater Plan
Stormwater	<ul style="list-style-type: none"> Regional Stormwater Plan

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Discussion Questions

1. Does the regional supply portfolio look right?



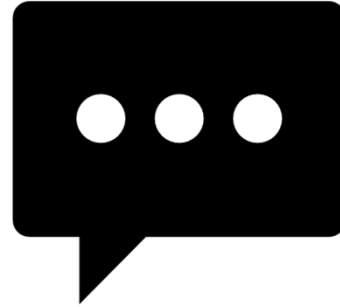
Please add your thoughts in the chat

Discussion Question 1: Does the regional supply portfolio look right?



Discussion Questions

1. Does the regional supply portfolio look right?
2. **What are your plans for taking demand management options back to your communities?**
 - **How much emphasis should we put on this in the plan?**
 - **Is there additional information that would be helpful for implementation?**



Please add your thoughts in the chat

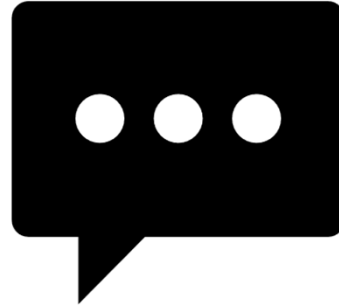
Discussion Question 2: What are your plans for taking demand management options back to your communities?

Community	Response



Discussion Questions

1. Does the regional supply portfolio look right?
2. What are your plans for taking demand management options back to your communities?
 - How can we amplify this in the plan?
3. **Which of the best management strategies do you think your organization would be interested in implementing or supporting?**
 - **Which of the best management strategies could be funded as a regional initiative?**



Please add your thoughts in the chat

Discussion Question 3: Which of the best management strategies do you think your organization would be interested in implementing or supporting?

Organization	Response

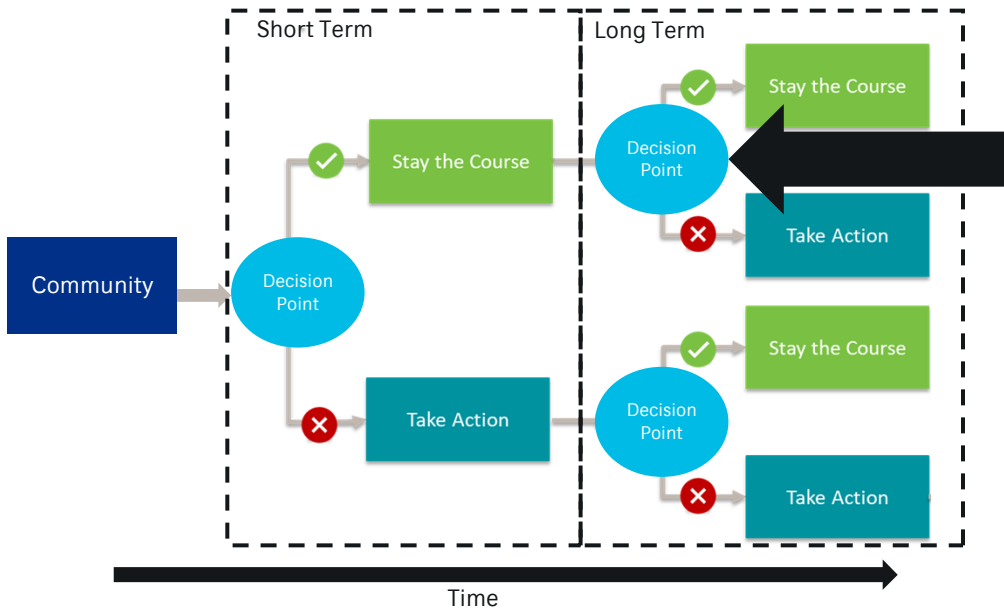


Discussion on Decision Points and Monitoring Data Collection



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Example of an Adaptive Management Plan



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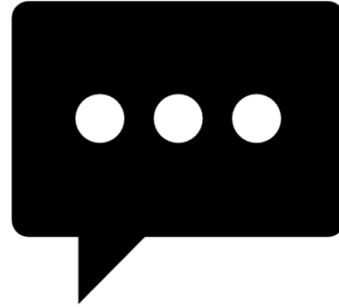
Decision Points

- What should the decision points be defined as?

- For supply, demand, ecosystem health

Examples:

- Population trends
- Ability to meet maximum daily demand
- Progress on Weymouth MWRA connection
- Permit renewal cycles
- Climate trends



Please add your thoughts in the chat

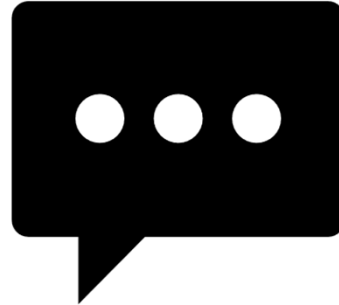
Decision Points: What should decision points be defined as?

Organization	Response



Monitoring Data Collection

- What information and data will be useful for monitoring progress towards decision points?
 - Is this data already collected?
 - Who is/ would be responsible for collecting?
 - Who would be responsible for reporting and using to change course in the adaptive management plan?



Please add your thoughts in the chat

Monitoring Data Collection: What data will be useful for monitoring progress towards decision points?

Organization	Response



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Public Outreach



Participate today!
REGIONAL WATER SURVEY

What do you think about?

- ✓ Drinking water quality
- ✓ Environmental protection
- ✓ Affordability and reliability



www.surveymonkey.com/r/watersupply

Your input will help guide the development of the region's first plan for resilient water supply



OLD COLONY
PLANNING COUNCIL

Supporting the communities of
Abington, Avon, Bridgewater, Brockton, Duxbury,
East Bridgewater, Easton, Halifax, Hanover, Hanson,
Kingston, Pembroke, Plymouth, Plympton, Stoughton,
West Bridgewater, and Whitman

Learn more about this project at
www.oldcolonyplanning.org/waterplan