



# Monthly Meeting #3

## Coordinated Water System Plan Eastern Region

Southeastern Connecticut Council of Governments, Norwich, Connecticut | August 10, 2016

# Agenda



1. Welcome & Roll Call (5 minutes)
2. Approval of July Meeting Minutes (5 minutes)
3. Formal Correspondence (5 minutes)
4. Public Comment Period (10 minutes)
5. Work Plan Amendment (10 minutes)
6. Water Supply Assessment Review & Feedback (45 minutes)
7. Discussion/Possible Adoption of ESA Procedures Subcommittee (15 minutes)
8. Other Business (15 minutes)

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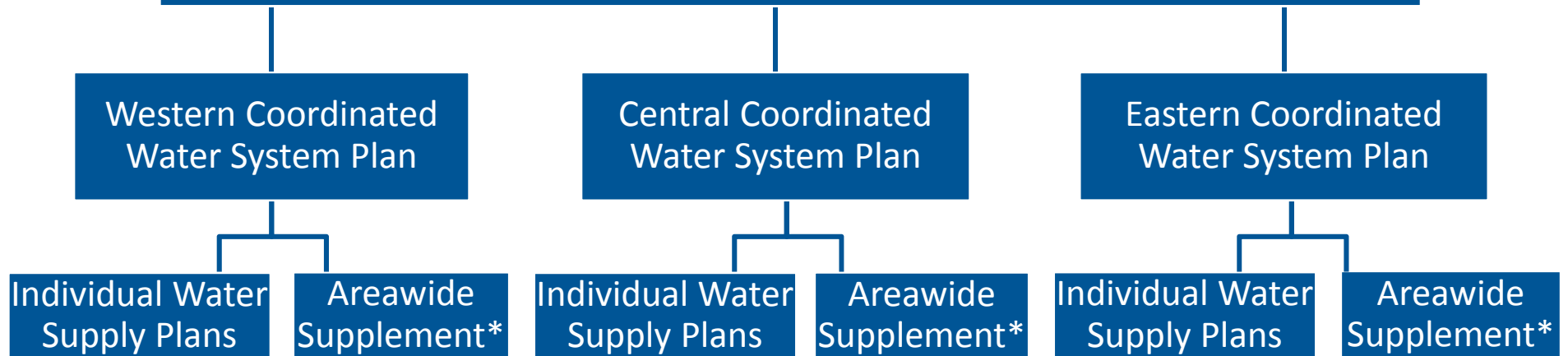
# Preliminary Water Supply Assessment



## What the Preliminary Assessment is – and is not

- CGS 25-33g: the WUCC develops a Preliminary Assessment that goes to the public for additional input, and then it becomes the Final Assessment
- CGS 25-33h: Calls for a separate Coordinated Water System Plan from the WSA
- But, RCSA 25-33h-1[(d)(2)] requires that the WSA be part of the CWSP

# Statewide Coordinated Water System Plan



## \*Areawide Supplement

- Water Supply Assessment
- Exclusive Service Areas
- Integrated Report
- Executive Summary

# Preliminary Water Supply Assessment



## What the Preliminary Assessment is – and is not

- RCSA 25-33h-1[(d)(2)(A)]: the **WSA** must be “**factual and concise**”
  - The WSA should not answer all our questions or make any significant decisions
  - The WSA should set the stage for ESA determinations and the Integrated Report
- RCSA 25-33h-1[(d)(2)(C)(ix)]: the **Integrated Report** shall contain “consideration of the potential impacts of the plan on other uses of water resources including water quality, flood management, recreation, hydropower, and aquatic habitat issues”

# Preliminary Water Supply Assessment



## Organization of Document

1. Introduction
2. Existing Public Water Systems
3. Assessment of Future Water Supply Sources
4. Existing Service Areas
5. Population, Land Use, and Projected Growth
6. Status of Planning
7. Issues, Needs, and Deficiencies in the Region

# Preliminary Water Supply Assessment



## Introduction

- The Coordinated Water System Planning Process
- Components of the Coordinated Water System Plan
- Eastern Connecticut Public Water Supply Management Area
- Eastern Connecticut Water Utility Coordinating Committee
- Information Sources

# Preliminary Water Supply Assessment



## Existing Public Water Systems

- Composition of the Region
- Assessment of Water Quality
- System Reliability, Service, and Supply Adequacy
- Assessment of Firefighting Capabilities
- Assessment of Major Facilities

# Preliminary Water Supply Assessment



## Assessment of Future Water Supply Sources

- Addresses each CWS that serves >1,000 people
- States whether additional supply may be needed *based on the Individual Water Supply Plan*
- Briefly describes the types of sources considered in the Individual Water Supply Plan and the DPH's "high quality source list"

# Preliminary Water Supply Assessment



## Existing Service Areas

- Description
- Map
- Summary of Enabling Legislation for Community Water Systems



# Preliminary Water Supply Assessment



## Population, Land Use, and Projected Growth

- Municipal Classifications and CWS Population
- Historical Population
- Municipal Population Projections
- Community Water System Service Population Projections
- Land Uses and Available Land
  - Overview of Regional Planning Agencies
  - Land Uses Within the Eastern PWSMA
- Growth Trends
  - Housing Permits
  - Zoning
  - Conclusions

# Preliminary Water Supply Assessment



## Status of Planning

- Individual Water System Planning
- Municipal Planning
- Land Use Planning and Coordination for Source Protection
  - Community Water System Source Protection Efforts
  - Source Water Assessment Program
- Coordination Among Community Water Systems

# Preliminary Water Supply Assessment



## Issues, Needs, and Deficiencies in the Region

- Future Supply Sources
- Impact of Streamflow Regulations
- Coordination of Planning
- Movement of Water through Interconnections
- Development of New Interconnections
- Well Water Quality
- New Public Water Systems
- Viability of Small Water Systems
- Challenges of Operating Small Systems

# Preliminary Water Supply Assessment



## Issues, Needs, and Deficiencies in the Region

- Disjointed Service Areas
- Exclusive Service Areas
- Source Water Protection
- Impact of Existing and Future Anticipated Regulations
- Continued Impacts of De-regulation of Electrical Industry
- Declining Revenue and Increasing Costs
- Conservation
- Lack of Fire Protection
- Infrastructure
- Lack of Funding

# Water Supply Assessment Schedule



Action	Timeline
Incorporate edits/comments from WUCC members	August 11-31, 2016
Provide Draft Preliminary WSA to DPH, DEEP, OPM, and PURA for consultation per CGS 25-33g(a)	August 11, 2016
Final Draft Preliminary WSA to WUCC Members	September 1, 2016
Preliminary WSA Adoption	September 14, 2016 Meeting
30-Day Public Comment Period on Preliminary WSA	September 15, 2016 to October 27, 2016
WUCC Review & Action on Public Comment / Additional Member Comments	October 12, 2016 Meeting
Initial Draft Final WSA to WUCC Members	November 1, 2016
WUCC Review & Action on Public Comments / Additional Member Comments	November 9, 2016 Meeting
Final Draft of Final WSA to WUCC Members	December 1, 2016
Adoption of Final WSA	December 14, 2016 Meeting
Submission of Final WSA to DPH	December 16, 2016

# Preliminary Water Supply Assessment

- Discussion



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# ESA Process in Brief



- Existing ESAs for the most part should remain unchanged
- This committee or a subcommittee should prepare Preliminary Exclusive Service Area Declaration forms to claim a new ESA
- Worksheets will be prepared to help WUCC members evaluate ESA claims and presentations
- Comments will be solicited on preliminary boundaries
- If consensus is not reached, PURA and/or DPH will be consulted to assist with determination of preliminary boundaries
- ESA holders will sign Statements of Confirmation acknowledging the final ESA boundary and responsibilities



# ESA Process - Specifics



- Prepare guidance document to add to Work Plan for new ESAs and modifications
- Create forms/rubrics/worksheets to score ESA claims
- Prepare correspondence to members / Towns interested in ESAs
- Could be done in noticed meetings or workshops (subcommittee), otherwise will need to be done at regular meetings (Sept. – Nov.)
- Declaration forms will need to go out in October in order to begin scheduling ESA claim presentations in December

# ESA Process

- Discussion



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# Potential September Meeting Agenda



1. Welcome & Roll Call
2. Approval of August Meeting Minutes
3. Formal Correspondence
4. Public Comment Period
5. Preliminary Water Supply Assessment Comments / Vote to Release for Public Review
6. ESA Procedures
7. Other Business