



# Monthly Meeting #5

## Coordinated Water System Plan Central Region

MDC Training Center; 125 Maxim Road; Hartford, Connecticut | October 25, 2016

# Agenda



1. Welcome & Roll Call (5 minutes)
2. Review and Approval of September Meeting Minutes (5 minutes)
3. Review Formal Correspondence (5 minutes)
4. Public Comment (10 minutes)
5. Preliminary Water Supply Assessment – Discussion of Public Comments Received (30 minutes)
6. Town-by-Town Review of Public Water System Status, Small System Consolidation Potential, and Potential Need for Public Water Supply (30 minutes)
7. Discussion of Draft ESA Declaration Forms (15 minutes)
8. ESA Procedures, Next Steps, and Schedule (15 minutes)
9. Other Business (15 minutes)

# 1. Welcome and Roll Call

## 2. Review & Approval of Meeting Minutes

## 3. Formal Correspondence (other than PWSA comments)

# Formal Correspondence

Date	From	To	Main Topic(s)
9/23/16	Central WUCC Co-Chair	WUCC Members, State Agencies, & Public	<ul style="list-style-type: none"><li>• Availability of Preliminary WSA</li></ul>
9/26/16	Central WUCC Co-Chair	WUCC Members, State Agencies, & Public	<ul style="list-style-type: none"><li>• Commencement of ESA Planning Process</li></ul>
10/4/16	All Three WUCC Chairs	Rivers Alliance of Connecticut	<ul style="list-style-type: none"><li>• Response to September 12, 2016 Letter</li></ul>
10/4/16	Central WUCC Co-Chair	CT DPH	<ul style="list-style-type: none"><li>• WUCC New Water System Recommendation for HWGA, LLC New Public Water System</li></ul>
10/19/16	Central WUCC Co-Chair	Central WUCC ESA Holders	<ul style="list-style-type: none"><li>• Affirmation of Previously Allocated ESAs within the Central Region</li></ul>

## 4. Public Comment

# 5. Preliminary Water Supply Assessment Discussion of Public Comments Received



# Comments Received

Date	Commenter	Main Points
09/16/16	MDC	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
09/21/16	Aquarion Water Co.	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
09/23/16	DPH	<ul style="list-style-type: none"><li>• Expand heat maps to include location and capacity of large systems in relation to density of small systems.</li><li>• Discuss regional source protection more broadly</li></ul>
09/29/16	SCCRWA	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
10/04/16	Rivers Alliance	<ul style="list-style-type: none"><li>• Identify “donor towns</li><li>• Present data and information by town</li><li>• Add town names on mapping</li><li>• Present information on existing and planned interconnections in one place</li><li>• Indicate direction of water flow for interconnections</li><li>• Provide Additional information on identified future sources</li></ul>

# Comments Received (Cont.)

Date	Commenter	Main Points
10/11/16	SCCRWA	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
10/18/16	Town of Tolland	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
10/18/16	Rivers Alliance	<ul style="list-style-type: none"><li>• There is a need for additional information on interconnections</li><li>• What is the accuracy of reported water need?</li><li>• Sources should be disclosed</li><li>• Need to assess reliability/viability of individual existing utility sources</li></ul>
10/19/16	Tolland Water Commission	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
10/20/16	Town of East Hampton	<ul style="list-style-type: none"><li>• Reliance on high density of small systems is not good</li><li>• Lack of a water system is hindering economic development of the Town of East Hampton</li><li>• Water quality and quantity issues are increasing</li><li>• No action on the submitted November 2004 WSP</li><li>• A municipal water system is desired, subject to funding and referendum</li></ul>

# Comments Received (Cont.)

Date	Commenter	Main Points
10/20/16	DEEP	<ul style="list-style-type: none"><li>• Aggradation of data makes assessment of specifics difficult</li><li>• It would be helpful to define certain terms</li><li>• Clarify the differences/assumptions for population data</li><li>• An effort to obtain input from additional municipalities is warranted</li><li>• Discuss Aquifer Protection Area Program</li><li>• Ensure the State C&amp;D policies are addressed throughout the planning process</li><li>• Areas to consider during the ESA process and Integrated Report</li></ul>
10/20/16	Town of Mansfield	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>
10/24/16	CRCOG	<ul style="list-style-type: none"><li>• Factual corrections to narrative and/or tables</li></ul>

# Comments Received (Cont.)

Date	Commenter	Main Points
Undated	Save Our Water CT	<ul style="list-style-type: none"> <li>• PWSA lacks discussion of environmental issues</li> <li>• PWSA lacks discussion on impacts of climate change</li> <li>• SOW CT supports re-evaluation of diversion permits</li> <li>• WSPs from 8-10 years ago are inadequate to predict future water needs</li> <li>• Additional attention should focus on the development of industries using large volumes of water</li> </ul>
Various/ Undated	Individual Residents & Members of the Public	<ul style="list-style-type: none"> <li>• Prioritize environmental protection</li> <li>• Prioritize need for clean drinking water over corporate interests</li> <li>• Ensure quality and quantity of water is not compromised</li> <li>• Keep CT's water in public trust</li> <li>• Require water conservation</li> <li>• Develop a regional planning strategy</li> <li>• Provide ample opportunity for public comment</li> <li>• Potential demands on the Farmington River</li> </ul>

# Water Supply Assessment Schedule



Action	Timeline
Preliminary WSA Adoption	September 21, 2016 Meeting
30-Day Public Comment Period on Preliminary WSA	September 23, 2016 to October 24, 2016
WUCC Review & Action on Public Comment / Additional Member Comments – <b>SPECIAL MEETING DATE</b>	October 25, 2016 Meeting
Initial Draft Final WSA to WUCC Members	November 1, 2016
WUCC Review & Action on Public Comments / Additional Member Comments	November 16, 2016 Meeting
Final Draft of Final WSA to WUCC Members	December 1, 2016
Adoption of Final WSA – <b>SPECIAL MEETING DATE</b>	December 12, 2016 Meeting
Submission of Final WSA to DPH	December 15, 2016

## 6. Town-by-Town Review

# Capacity Assessment Tool



- Capacity Assessment Query Report & Blank Capacity Development Assessment (CDA) provided by DPH for Small Community Systems
  - ✓ Total Score = Average of Technical Score + Managerial Score + Financial Score (each 0 to 100)
  - ✓ High Score = Low Risk
  - ✓ Low Score = High Risk

Total Capacity Risk Level	# Systems Evaluated in Central PWSMA
High Risk (Technical Score 0-39)	3
Moderate Risk (Technical Score 40-69)	66
Low Risk (Technical Score 70-100)	44
Total	113

# Towns with 30 or More Systems

Town	Total # Systems	# Community Systems
East Hampton	56	13
Mansfield	50	19
Old Lyme	43	11
East Haddam	42	7
Haddam	37	2
Bolton	33	6
Marlborough	31	8
Durham	30	5



# Potential Consolidation Opportunities



Town	Total # of Non-CWS	Potential Consolidation w/Large CWSs	Potential Consolidation w/Small CWSs	Potential Consolidation with Non-CWSs
East Hampton	43		X	X
Mansfield	31	X	X	X
Old Lyme	32	X	X	X
East Haddam	35		X	X
Haddam	35		X	X
Bolton	27		X	X
Marlborough	23		X	X
Durham	25		X	X

# Towns with 20 to 29 Systems

Town	Total # Systems	# Community Systems
Stafford	29	3
Tolland	28	10
Columbia	28	3
Hebron	27	10
Willington	26	12
Killingworth	24	1
Granby	22	2
Madison	21	3
North Branford	20	3

# Potential Consolidation Opportunities



Town	# CWS	Potential Consolidation w/Large CWS	Potential Consolidation w/Small CWS
Mansfield	19		X
East Hampton	13		
Willington	12		X
Old Lyme	11	X	X
Coventry	10		X
Hebron	10	X	X
Killingworth	10		X
Tolland	10	X	
East Granby	9	X	X

# Thoughts/Discussion

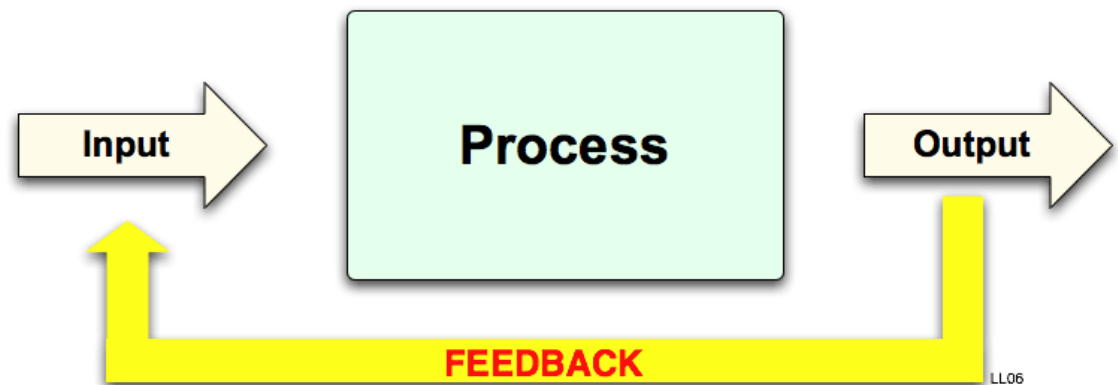


# 7. Discussion of Draft ESA Declaration Forms

## 8. ESA Procedures, Next Steps, & Schedule

# Exclusive Service Area Delineation

- Timeline
- Affirmations
- Procedures
- Scoring Rubric



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# ESA Process Draft Schedule



Action	Timeline
Notification Letter and Affirmation Request Letter	September 26 & October 19, 2016
Approval of Declaration Forms and Distribution to WUCC Members and Municipalities (October Meeting)	October 25, 2016
Requested Affirmation Response Due Date	November 1, 2016
Declaration Form Due Date (November Meeting)	November 16, 2016
Summary of Declaration Forms, Schedule Presentations for Conflicted Declarants, and Approve Scoring Rubric (December Meeting)	December 12, 2016
30-Day Public Comment Period for Areas with Conflicted Declarants	December 16 – January 16, 2017
Presentations by Conflicted Declarants, Conflict Resolution, PURA Recommendations	January 18 & February 15, 2017 Meetings
Approve Preliminary ESA Document for Public Review	March 2017 Meeting
30-Day Public Comment Period, final PURA Recommendations, Approval of ESA Document	April, May, and June 2017 Meetings



# Affirmations

## Affirmations Received To Date

Lyme	Manchester
Meriden	Middlefield

## Additional Affirmations Sent

Aquarion Water Company	Avon Water Company
Berlin Water Control Commission	Cromwell Fire District
Connecticut Water Company	Hazardville Water Company
Kensington Fire District	MDC
Middletown Water Department	New Britain Water Department
Portland Water Department	SCCRWA
Southington Water Department	Town of Durham
Town of East Haddam	Town of East Hampton
Town of Marlborough	Valley Water Systems, Inc.
Wallingford Water Department	Worthington Fire District

# Currently Unassigned Areas

- Stafford
  - Tolland
  - Willington
  - Bolton
  - Andover
  - Coventry
  - Mansfield
  - Columbia
- Western Portion of Berlin
  - Small Portion of Farmington
  - Western Portion of Southington

## 9. Other Business