

Meeting Minutes
Western WUCC Convening Meeting
Brookfield Municipal Center – 100 Pocono Road, Brookfield, CT
January 9, 2018 10:00 AM

The Western Water Utility Coordinating Committee (WUCC) held a meeting on January 9th, 2018 at 10:00 a.m. at the Brookfield Municipal Center at 100 Pocono Road in Brookfield, Connecticut. Prior written notice of this meeting was given via emails from the Department of Public Health (DPH) to eligible WUCC members, chief administrative officials, local health directors, town clerks, the Secretary of State, state agencies (OPM, PURA, DEEP, CT Office of Consumer Counsel, CT DOT, CT DECD, the Commissioner of Agriculture), and other interested persons. Notice of the meeting was also posted on the DPH website <http://www.ct.gov/dph/wucc/>.

The following WUCC member representatives were in attendance (listed in alphabetical order of affiliation):

WUCC Member Representative	Affiliation
Dan Lawrence (Co-Chair)	Aquarion Water Company
Doug Arndt	Town of Bethel
Tom Villa	Town of Bethel
Ray Sullivan	Brookfield Health Department
Russell Posthauer (Co-Chair)	Candlewood Springs Property Owners Assoc.
Dana Dessereaux	First District Water Department
Mike Elliot	First District Water Department
Meghan Sloan	Metro COG
David Banker	Metropolitan District Commission
Aaron Budris	Naugatuck Valley Council of Government
Donna Culbert	Newtown Health Department
Joanna Wozniak-Brown	Northwest Hills Council of Government
Tiffany Lufkin	South Central CT Regional Water Authority
Fred Rogers	Torrington Water Company
Richard Nalette	Winsted Water Works
Jim Rollins	Winsted Water Works

The following non-WUCC member representatives were in attendance (listed in alphabetical order of affiliation):

Non-WUCC Member Representative	Affiliation
Matthew Bruton	BL Companies
Doug Hoskins	CT Department of Energy & Environmental Protection
Gail Lucchina	CT Public Utility Regulatory Agency
Eric McPhee	CT Department of Public Health
David Murphy	Milone & MacBroom, Inc. (MMI)
Margaret Miner	Rivers Alliance
Steve Rugar	Tata & Howard

A copy of the meeting agenda is attached. The following actions took place:

1. Welcome & Roll Call

The Chair opened the meeting at 10:05 AM. The chairs requested a roll call of attendees. Mr. Murphy provided a brief refresher of the process to date and an overview of the goals of the meeting.

2. Review of December Meeting Minutes

Mr. Lawrence asked if there were any comments or changes from the floor. No comments were made. Mr. Sullivan moved to approve the minutes. Mr. Banker seconded. Members voted unanimously to approve.

3. Review of Formal Correspondence

Mr. Banker stated that two correspondences had been sent or received by the Western WUCC since the last meeting:

- 2017-12-22 – DPH copied the WUCC on Well Use Approval for Wrights Barn in Torrington.
- 2018-01-02 – DPH copied the WUCC on its response to the Thomaston Open Space Environmental Review Team regarding the potential for potable water supply for Dug Road Thomaston Open Space.

4. Public Comment

The Chairs opened the public comment period, the following public comment was offered:

- Ms. Miner raised concern over the development of the Wykeham Rise Inn in Washington Depot, stating that the development plans did not address where the potable water for the inn would come from and such matters should be addressed prior to development, rather than as an afterthought.
- Ms. Miner stated that the Rivers Alliance has received a grant from the Connecticut Community Foundation to review and hold a conference regarding water supply in Western Connecticut. The discussion needs to review the entire WUCC area, but some effort will be focused on the Northwest area of Connecticut.
- Mr. Lawrence stated that he will follow up with the developer and engineer regarding water supply to the development in Washington Depot.

5. Discuss Dollar General – TNC System in Barkhamsted

- Mr. Bruton provided a summary of the Dollar General development in Barkhamsted and the need for a Transient-Non-Community system designation due to the public restroom.
- Mr. Rollins confirmed that Winsted Water Works had signed off on the Public Water System Offer Form.
- Mr. Posthauer made a motion to approve the creation of a new TNC system to serve the Barkhamsted Dollar General.

- Mr. Sullivan seconded the motion.
- The members voted unanimously to approve the motion.

6. Review & Discuss Draft Integrated Report & Executive Summary

- Mr. Murphy reviewed the contents of Sections 1-4 of the Integrated Report and discussed the need for the three WUCCs to have a unified statement for how to address drought planning.
- Mr. Lawrence asked if the State Water Plan would be addressing drought planning.
- Ms. Miner responded that she is unsure what implementation of the State Water Plan will do to address drought going forward.
- Mr. Lawrence stated that the WUCC report needs to delineate the difference between conservation, which is a daily reduction in water demand due to more efficient fixtures and choices and demand reduction in response to drought. These sections in the report should be separated to help emphasize this difference.

Regulation & Policy

- Mr. Rupar expressed concern with the report's use of percent non-revenue water as a foundation for tracking water efficiency. Mr. Murphy explained that is what is used in the Integrated Report because that is what is provided in water supply plans or provided by the water utilities.
- Mr. Lawrence stated that the WUCC could provide a recommendation for an alternative method.
- Mr. Rupar recommended following the processes in AWWA manual M36 for quantifying water losses.
- Mr. Murphy added that the WUCCs will need to address ongoing concerns with DPH's current method for calculating available water for the Max Month Average Day and comparison to safe yield.

Climate Change & Resiliency

- Mr. Murphy reviewed topic including evaporation rate, groundwater safe yield, storm hardening and flood management.
- Ms. Wozniak-Brown raised the potential effects on groundwater quality, with lower groundwater levels potentially leading to reduced water quality. Additionally, the low-impact development in Morris was raised as an example to mitigate the effects of development.

Projections

- Mr. Rupar asked if the State of Connecticut's 2017 population projections were utilized in the report.
- Mr. Murphy responded that population projections were used to address regulatory requirements that the coordinated water system planning process review population projections. However, they were not necessarily used for water demand projections. As a primary source, the water projections provided by the water utilities were utilized. Population projections provided by the State Data Center were utilized to project population change and a

per capita water demand was applied for water projections, when updated information was not available from the utility.

- Mr. Murphy stated that there are limited deficits of water supply in the planning period and no large scale supply problems that need to be solved.
- Ms. Lufkin asked how the projection years are selected.
- Mr. Murphy replied that they are prescribed by the regulations as 5 years from the present time, 20 years from the last census, and 50 years from the last census.
- Mr. Lawrence asked how demand decreases from conservation were handled over the planning period.
- Mr. Murphy stated that for utilities with consumption above 50 gallons per day per capita, a 2, 6 and 10 gallon per capita per day was applied to the current demand over the planning period of 2023, 2030 and 2060. Tables with water projections noted with A and B show projections with water conservation and without over the planning period.

Streamflow

- Mr. Villa asked if a utility's minimum RGQ 80 flow is below a specified amount, then is it exempt from streamflow releases.
- Mr. Murphy confirmed Mr. Villa's statement.
- Ms. Miner asked Mr. Murphy to confirm that streamflow releases are subtracted from the reservoir's hydrologic safe yield to establish the quantity of available water.
- Mr. Murphy confirmed, but noted Milone and MacBroom (MMI) is making assumption for utilities which did not provide streamflow release projections.

Deficits

- Mr. Murphy stated that the WUCC's recommendation may be to monitor the continued development and/or needs in the region, since no large water deficits are projected.
- Mr. Lawrence stated that Aquarion Water Company looks for new sources every day and the need will continue.
- Mr. McPhee asked what types of projects are referenced in the report.
- Mr. Murphy stated that projects include wells and interconnections; specifically, activation of the Housatonic Wellfield and use of existing interconnections.
- Mr. McPhee stated that more conversation is needed regarding regional. Needs and whether or not only "monitoring" the situation is appropriate.
- Mr. Villa asked if infrastructure improvements are included/considered in conservation, since replacement of leaky mains and addressing water loss can address deficits.
- Mr. Murphy confirmed.

Small Systems

- Mr. Lawrence asked the distance MMI considered for interconnection of small systems.
- Mr. Murphy stated 1,000 feet or less.
- Ms. Wozniak-Brown asked the definition of a satellite system.
- Mr. Murphy responded that satellite means that the system becomes part of a larger utility.
- Mr. McPhee discussed DPH's small system score cards, which include water quality, quantity, violations, survey, managerial and funding issues. He expressed concern with the ability of small

systems to respond to issues as they arise, stating that a good system may be only one step or equipment failure away from becoming a troubled system.

- Ms. Wozniak-Brown stated that towns need reliable information if there are troubled small systems and if interconnection is recommended and if it would be accepted by the system.
- Mr. Murphy stated that WUCC cannot reach out to every small system to review specific recommendations such as interconnections or potential consolidation, which is one reason why the bin approach was used.
- Mr. Posthauer stated that consolidation/interconnection could be difficult because the pipeline may have to pass through areas with individual wells or other small systems.
- Mr. Lawrence stated that challenge is affordability, management, transfer of ownership and the cost of bringing troubled small systems to meet minimum standards.
- Ms. Wozniak-Brown stated that the WUCC needs to come up with a plan and reach out to small systems to develop and implement a long term plan.
- Mr. Posthauer replied that many small system owners want nothing to do with the state and the regulatory process.
- Mr. McPhee stated that many small systems at risk of failure and in need of investment.
- Mr. Murphy stated that the WUCC could put together a spreadsheet or flow chart for reviewing small systems going forward in the coming year.
- Mr. McPhee stated that DPH is working to include mandatory review questions with sanitary surveys which can provide more information for the score cards.
- Ms. Lucchina added that PURA will be part of the score card work group and reviewing the ability to publish the card results.
- Mr. Budris added that tracking 70 small systems with score card issues within the WUCC seems to be a manageable task.
- Mr. Sullivan stated that issues regarding water supply and quality should go to local health directors rather than emergency management directors in towns.
- Mr. Lawrence asked when members will receive the remaining chapters and when are comments due?
- Mr. Murphy replied that MMI needs comments from members as soon as possible, since the information in sections 1-4 effects the remaining sections of the report. Ideally, comments for sections 1-4 should be submitted within a week. The entire document could be provided by 1/26. The goal with the current schedule is to approve the document for public comment at the next WUCC meeting.
- Mr. Lawrence asked how much more data is included in the remaining section not yet distributed for comment.
- Mr. Murphy responded that the data is primarily included in sections 1-4, so the turnaround time for the remaining sections may be quicker.
- Mr. Posthauer stated that members could still comment on the document when it is out for public comment.
- Mr. Lawrence asked the attendees if we should anticipate public comments.
- Ms. Miner responded yes, Rivers Alliance anticipates reaching out to the public for comments.

- Mr. Lawrence asked if there is sufficient review time in the schedule to provide and respond to comments.
- Ms. Lufkin asked if the completion date is in May or June.
- Mr. Murphy responded that the report is due in June 2018, but approval is needed in May so that MMI can draft the statewide WUCC plan, which includes each WUCC's coordinated water supply plan.
- Mr. Lawrence stated that the WUCC could add a meeting two weeks after the next meeting, if needed.
- Mr. Posthauer added that we could move up the next meeting by one week and add a new meeting two weeks after.
- Mr. Lawrence stated that the WUCC could schedule a meeting for Monday 2/26 and cancel if not needed.
- A discussion of the schedule, public comment period and agenda topics for upcoming meetings ensued. There was consensus to move back the March meeting to allow for the close of the public comment period and assembly of comments prior to the WUCC meeting.
- Mr. Murphy suggested moving the March meeting to March 26th.
- After further discussion, consensus was to move the March meeting to Wednesday March 28th.

7. Other Business

- No items were raised for discussion.

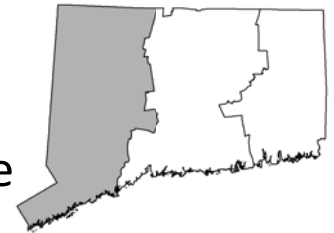
As there was no more business, Mr. Sullivan mad a motion to adjourn. Mr. Villa seconded the motion. The motion passed unanimously and the meeting closed at 11:45 AM.

The next Western WUCC Meeting is scheduled for Tuesday February 14th, 2018 to be held at the Brookfield Municipal Center at 100 Pocono Road in Brookfield, Connecticut.

Respectfully Submitted,

David Banker, Recording Secretary – Western WUCC

Western Region Water Utility Coordinating Committee



Meeting Agenda

January 9, 2018

Location: Brookfield Town Hall

Time: 10:00 a.m. to 12:00 p.m.

1. Welcome & Roll Call (5 minutes)
2. Review and Approval of December Meeting Minutes (5 minutes)
3. Review of Formal Correspondence (5 minutes)
4. Public Comment (5 minutes)
5. Discuss Dollar General – TNC System in Barkhamsted (10 minutes)
6. Review and Discuss Draft Integrated Report & Executive Summary (90 minutes)
7. Other Business, if time allows

If the meeting is postponed, the revised meeting date will be Tuesday January 16th.

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Daniel Lawrence, Co-Chair
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203-362-3055

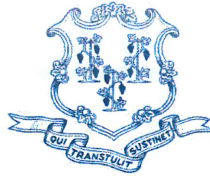
David Banker, Recording Secretary
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DEPARTMENT OF PUBLIC HEALTH

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Nancy Wyman
Lt. Governor

Raul Pino, M.D., M.P.H.
Commissioner



Drinking Water Section

December 22, 2017

Mr. James Wright
104 Wright Road
Torrington, CT 06790

PUBLIC WATER SYSTEM: Wrights Barn
PWSID: CT1435134
DPH PROJECT #: 2017-0215

RE: Well Use Approval for Well #1

Dear Mr. Wright:

Based on a physical inspection of Well #1 on 12/11/2017 by Luis Andrade of the Drinking Water Section, conformance with Well Site Suitability Review dated 10/27/2017, Water Quality and Quantity Suitability Review dated 11/16/2017, and compliance with Section 19-13-B51a-m of the Regulations of Connecticut State Agencies (RCSA), the subject well is approved for public water supply use.

Despite the fact that transient non-community public water systems are not required to test for lead and copper as part of the routine water quality monitoring, please be advised that the department strongly recommends monitoring the distribution system for lead and copper for the protection of public health. Lead and copper enter the water supply primarily through corrosion between the source water and the plumbing materials used in the distribution system. Water chemistry related to corrosion is complicated and changes in water quality are possible as a result of the addition of this source of supply.

If you have any questions regarding this approval, please contact Luis Andrade at this office.

Sincerely,

A handwritten signature in blue ink that reads "Lori Mathieu" followed by a stylized monogram "RM".

Lori Mathieu
Public Health Section Chief
Drinking Water Section

cc: Robert Rubbo, Director of Health, Torrington Area Health District
Mr. Doug Hoskins, DEEP Water Protection and Land Reuse Bureau
Russell Posthauer, Daniel Lawrence, Western WUCC Co-Chairperson
David Banker, Western WUCC Recording Secretary



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Nancy Wyman
Lt. Governor

Drinking Water Section

January 2, 2018

Ms. Jeanne Davies
Executive Director
Connecticut Resource Conservation and Development Area, Inc.
1066 Saybrook Road
P.O. Box 70
Haddam, CT 06438

RE: Thomaston Open Space Environmental Review Team - Drinking Water Section Report

Dear Ms. Davies:

Please find attached the Department of Public Health (DPH) Drinking Water Section (DWS) review of the potential for potable water supply for the Dug Road Thomaston Open Space. Please ensure that the Department has the opportunity to review a draft of the report prior to submitting to the Town of Thomaston Conservation Commission. Thank you for inviting us to participate in this Environmental Review Team Report.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric McPhee".

Eric McPhee
Supervising Environmental Analyst
Drinking Water Section

Cc via email: Daniel Lawrence, Aquarion Water Company
Russell Posthauer, Candlewood Springs Homeowners Association
Robert Rubbo, Torrington Area Health District



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STATE OF CONNECTICUT


DEPARTMENT OF PUBLIC HEALTH



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MEMORANDUM

TO: Eric McPhee, Supervising Environmental Analyst 

FROM: Rich Iozzo, Environmental Analyst 2, Source Assessment and Protection Unit

DATE: December 22, 2017

SUBJECT: Environmental Review Team, Dug Road Open Space

DPH PROJECT: 2017-0285

TOWN: Thomaston

The Department of Public Health (DPH) Drinking Water Section (DWS) was invited by the Connecticut Environmental Review Team (CTERT) to provide an analysis of potable water supply feasibility for the open space property located adjacent to Dug Road and Walnut Hill Road in Thomaston, Connecticut. CTERT provided background materials including aerial site maps, topographic maps, wetlands maps and other available reports for review.

BACKGROUND

The Thomaston Conservation Commission has proceeded with an environmental review analysis by a Connecticut Resource Conservation and Development (CT RC&D) team of volunteers for a professional analysis of biological conditions of the 165 acre passive open space property located adjacent to Dug Road and Walnut Hill Road in Thomaston. In addition, the Thomaston Conservation Commission is seeking advice on potable water supply planning for the active recreation area, the community garden, and as a rest location for hikers/campers utilizing the open space area.

WATER SUPPLY FEASIBILITY ANALYSIS

Any onsite potable water supply well will be required to be compliant with the Regulations of Connecticut State Agencies (RCSA) sections 19-13-B51(a) through (l) and RCSA sections 25-128-33 through 25-128-64. If the potable well is classified as a public water system, then it will also be required to be compliant with Connecticut General Statutes (CGS) section 16-262m. The following summary is intended to provide guidance to the Commission on what to be aware of when seeking approval for a new public water supply and should not be construed as an application review. It is recommended that the



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Commission utilize the services of a professional engineer that is experienced in public water system development and design.

1. Before a decision is made to develop an on-site well, the opportunity for feasible interconnection with a community public water system should be explored. The Connecticut Water Company (CWC) Naugatuck Region, Thomaston System (PWSID# CT1400011) provides public drinking water to a nearby section of the town of Thomaston and currently has a service area approximately 1,000 feet from the subject parcel.
2. If interconnecting with an existing community public water system is determined not to be feasible, then the Commission should fill out and submit a [Public Water System Screening Application Form](#) to the DWS. The Screening Form will be evaluated and a decision based upon the information provided will be transmitted to the Commission. If it is determined that the Dug Road Open Space will be a public water system, then the Commission will need to obtain documentation that CWC is unable provide the parcel service or a recommendation from the Western Water Utility Coordinating Committee (WUCC) for approval of the system ([CGS section 25-33i](#)). These processes could be carried out concurrently.
3. A Certificate of Public Convenience and Necessity is required to develop a new public water system. The application forms and instructions may be found on the DWS website: www.ct.gov/dph/publicdrinkingwater and clicking on Forms/Applications found on the left hand side of the page, and then clicking on Certificate of Public Convenience and Necessity.
4. The Commission should take note of the following observations that were made from the materials provided to the ERT:
 - a. It is recommended that the Commission consult with the Torrington Area Health District (TAHD) early in the process in regard to the proximity of private drinking water wells. The TAHD may also have historical water quality monitoring data for area wells.
 - b. The water supply well must be protected from surface wash.
 - c. The Commission should ensure that pathways are designed in such a way that dogs will not be passing within lead-distance of the water supply well.
 - d. Portable toilets should be located at least at the maximum sanitary setback from the proposed water supply well. They should be located such that any spills would not impact the source of public drinking water.
 - e. Pesticide and fertilizer applications should be prohibited within the maximum sanitary setback from the water supply well.
 - f. The Commission indicated that the potable water supply may also be used for a potential community garden. The Commission should be aware of the potential for cross connections contaminating the drinking water supply.
 - g. The Commission should be aware that if this public water system is developed, it will become a water company with the responsibility to maintain the safety of the water supply. The DWS Fact Sheet: [Introduction to the Transient Non-Community Program](#) contains an overview of public water system responsibilities.

SELECTED CONTACT INFORMATION:

Drinking Water Section:

Screening Process: Chris Roy, Supervisor, Safe Drinking Water Rule Implementation Unit
Phase IA CPCN: Eric McPhee, Supervisor, Source Assessment and Protection Unit
Phase IB and II: Tom Chyra, Supervisor, Technical Review and Field Assessment Unit
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Connecticut Water Company:

David Connors, Director, Naugatuck Region Thomaston System
446 Smith Street, Middletown, CT 06457
(860)664-6241

Western WUCC Co-Chairs:

Daniel Lawrence, Aquarion Water Company
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and

Russell Posthauer, Candlewood Springs Property Owners Association
PO Box 154, New Milford, CT 06776
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Torrington Area Health District:

Robert Rubbo, Director of Health
350 Main Street, Torrington, CT 06790
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