

Meeting Minutes
 Central WUCC Meeting #16
 MDC Training Center – 125 Maxim Road, Hartford, CT
 September 20, 2017 1:30 p.m.

The Central Water Utility Coordinating Committee (WUCC) met on September 20, 2017 at 1:30 p.m. at the MDC Training Center at 125 Maxim Road, Hartford, Connecticut. Notice of the meeting was sent to WUCC members and posted on the DPH website <http://www.ct.gov/dph>.

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

WUCC Member Representative	Affiliation
Dan Lawrence	Aquarion Water Company
Ray Jarema	Berlin Water
Mary Ellen Kowalewski	Capitol Region Council of Governments
David Radka	Connecticut Water Company
Bill Milardo	Town of Durham
Jim Ventres	Town of East Haddam
Tim Smith	East Hampton WPCA
Brendan Avery	Hazardville Water Company
Patrick Kearney	Town of Manchester
Peter Hughes	Town of Marlborough
Dennis Waz	Meriden Public Utilities
David Banker	Metropolitan District Commission
R. Bartley Halloran	Metropolitan District Commission
Rose Gavrilovic	Regional Water Authority
Sam Gold	River Council of Governments
Eugene Koss	Tolland Water
Neil Amwake	Wallingford Water Division

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

Non-WUCC Member Representative	Affiliation
Corinne Fitting	CT Department of Energy and Environmental Protection
Rich Iozzo	CT Department of Public Health
Lori Mathieu	CT Department of Public Health
Eric McPhee	CT Department of Public Health
Jeanine Gouin	Milone & MacBroom, Inc.
Judy Allen	Save Our Water - CT
Jason Coite	UConn
Stan Nolan	UConn

The following actions took place:

1. Welcome & Roll Call

- The meeting was called to order at 1:34 PM by Co-chair David Radka of the Connecticut Water Company. A roll call was conducted in which everyone stated their name and affiliation.

2. Taking Stock

- Jeanine Gouin of Milone & MacBroom (MMI) stated the current status of the Central WUCC along the proposed timeline. She stressed the importance of submission of requested data from the utilities and indicated that MMI would provide reporting forms to aid in the reporting process.

3. Approval of August Meeting Minutes

- The minutes for the August meeting were unanimously approved. Dan Lawrence of the Aquarion Water Company and Neil Amwake of the Wallingford Water Division abstained from voting, as they were not present at the August meeting.

4. Review of Formal Correspondence

The following correspondences were logged following the August meeting of the Central WUCC:

- August 16, 2017 – The Connecticut Department of Public Health sent a letter to the Central WUCC regarding TTM Technologies in Stafford Springs, CT.
- August 21, 2017 – Reynolds Engineering Services sent a letter to the Central WUCC Secretary regarding a NTNC Water System to serve a 6,000 square foot Office Building in Bolton, CT.

Discussion:

- Mr. Radka stated that TTM Technologies wants approval to operate a NTNC system drawing about 600 gallons per day into an existing building with an existing well. He stated that Connecticut Water Company has a main 1 mile away, and the cost is not justified to extend the water main.
- Rose Gavrilovic from the Regional Water Authority asked where the company was in the process of getting DPH approval.
 - Mr. Radka stated that there is a well on site that they are now requesting approval from the WUCC to move forward with the process of activating.
- Ray Jarema from Berlin Water asked if CWC will operate the system.
 - Mr. Radka stated that CWC would not be operating the system.

- Tim Smith from East Hampton WPCA made a motion to approve the site. Mr. Amwake seconded that motion.
- Lori Mathieu with the CT Department of Public Health stated that CT already has many small systems to regulate. She asked all the WUCC members to realize that the approval of more small systems is a large problem the state will be dealing with for a long time. She asked everyone to think about what can be done about this growing problem.
 - Mr. Radka asked if the WUCC members were comfortable allowing this system.
 - Jim Ventres from the Town of East Haddam stated that maybe there should be another category of systems for those using a small amount such as this system at 600 gallons per day. He further suggested that it might be possible for this new category of systems to be regulated by local health departments as opposed to DPH.
 - Mr. Jarema stated that as a member of a local health department, they did not have the funding to regulate more systems.
 - Ms. Mathieu stated that this had been considered years ago, but there was never any money set aside for such a proposal.
 - Mr. Jarema stated that DEEP has a successful LEP program that might be a model DPH could use in addressing this issue.
 - Ms. Gavrilovic stated that it is the WUCC's job to approve systems, but the WUCC needs to look forward to see if there are ways of improving the process in the future.
 - The motion was passed unanimously.
- Mr. Radka stated that the engineering firm Reynolds Engineering Services was proposing a 6,000 square foot office building in the town of Bolton, CT. This development is going into an unassigned area in Bolton, CT with no ESA holder. The town of Bolton has stated they do not wish to own or operate this water system.
 - Mr. Amwake stated that he knew where the new proposed system was going to go in. He asked why the neighboring buildings do not use a communal well or all hook up to each other as one system rather than drilling a new well.
 - Peter Hughes with the Town of Marlborough made a motion to ask for further information from the engineering firm before approving this system. Eugene Koss of Tolland Water seconded the motion.
 - The vote was passed unanimously.

5. Presentation by DPH on Revised Water Supply Planning Guidance Related to Public Act 17-211

- Linda Ferraro with the CT Department of Public Health gave a presentation on Public Act 17-211 relating to FOIA and water supply planning.

- Mr. Jarema asked what the Department’s definition of “General” meant in reference to locations of water infrastructure.
 - Ms. Ferraro stated that GPS coordinates would be a very specific description, but a more general region could be disclosed.
- Mr. Koss stated that there is a big difference between saying a location is within a 20 acre area or specifically where a well field is located.
 - Ms. Ferraro stated that it is a very time consuming process to redact a water supply plan when there is a request.
- Corrine Fitting asked what the water company’s definition of a specific location was.
 - Mr. Radka stated that the process of FOI previously required a lot of work and was not a good system. This new definition shows progress, but everyone’s definition of a general location will be different and will take time to work out a consistent and workable definition.

6. Presentation by DPH on Small System Capacity

- Eric McPhee with the CT Department of Public Health gave a presentation on Small System Capacity in Connecticut.
 - Sam Gold with the River Council of Governments asked if DPH had any conflicts with where small systems are in the state and where the state plan for growth in the state was located.
 - Mr. McPhee stated that there aren’t necessarily specific growth areas in the state, but there are many agencies that all have a say in state issues. DPH tries to work with applicants of small systems but it’s on a case by case basis.
 - Ms. Mathieu stated that DPH has not always been able to get all the language they wanted into the C & D plan for the state. There was a lot of language removed from the C & D plan related to water systems and DPH has done their best to get as much of that language back into the plan.

7. Integrated Report Module #8: Satellite Management/Small System Viability

- Jeanine Gouin of Milone & MacBroom, Inc. stated that the Central WUCC has roughly 165 Small Community water systems, 735 non-community systems, and 34 large systems serving over 1,000 people or 250 customers and required to prepare water supply plans. There are 10 small community systems within the region that are in need of immediate improvement per the DPH scorecard, but this is a manageable number.
- Mr. Radka stated that the certificate process for a new water system is pretty thorough, but standards can be increased by the individual water companies. For example, Connecticut Water Company requires ductile iron pipe of 52 thickness, 6 inch main minimums, and additionally 8

inch main minimums for fire protection, and 1” copper K type pipe for services. Through experience they have also required 25% well yield above DPH requirements due to yield drop off for bedrock wells over time.

- Mr. McPhee stated that DPH is drafting standards for NTNC or TNC systems. There is no timeline for the completion of these standards.
- Ms. Gavrilovic stated that she agreed with the CWC increased well yield requirement and would suggest revisiting the guidelines for design standards. Some developers have tried to solve well yield problems with increased storage, which can cause water quality problems.
- Mr. Smith stated that East Hampton has a new system known as Hampton Woods under construction and the town has been involved in the process the entire time. The town has asked for certain increased standards to be met and with the support of DPH, the developers have agreed to provide those increased standards. The standards being requested make sense and are not asking for a top of the line system.
- Mr. Hughes stated that any ESA holder should own and operate all NTNCs and TNC systems in their ESA.
 - Mary Ellen Kowalewski of the Capitol Region Council of Governments stated that a town cannot simply prevent any development without a solid reason. This makes it very difficult to prevent many small systems from being formed if alternatives are not available.
 - Mr. Ventres stated that the small users who do not draw much water are not the problem. The large systems drawing large amounts of water are the real concern.
 - Mr. Kearney stated that you would need to obtain easements in order to regulate all NTNC systems in an ESA.
 - Ms. Gouin stated that the WUCC could create its own set of standards for NTNC systems going forward and could require a greater level of review and scrutiny by the WUCC prior to approval. This could put the WUCC in a better position to foster consolidation of small systems in areas of high density.
 - Mr. Radka stated that the WUCC has to make sure the facts are all available to the developer in charge of each project with regard to the water system issues.
 - Ms. Mathieu stated that an ESA holder should operate and work with all commercial entities within their ESA.
 - Mr. Radka stated that the state should weigh in on this issue to try to assist in solving it.

8. Integrated Report Module #9: Minimum Design Standards

- Mr. Radka stated that in Module #8 the WUCC went over several minimum design standards issues and unless members had additional thoughts, the agenda would be moved along in the interest of time.

9. Integrated Report Module #10: Future Sources, Raw Well Water Quality, and Acquisition of Land for New Stratified Drift Wells

- There was no time for discussion of Integrated Report Module #10 and agreement that discussion would be taken up at the October meeting.

10. Public Comment

- There was no Public Comment.

11. Other Business

- Mr. Bartley Halloran from the Metropolitan District Commission stated that the major reason there aren't many entities eager to operate these systems is the large cost associated with operating the systems.
- Mr. Koss stated that one of the problems is there are systems that never intended to operate for a prolonged period of time. Once failing systems start to fail, someone else needs to step in and take on that cost.
- Mr. Radka stated that the two issues are design standards for new systems going in and old systems that may already be failing.
- Mr. Lawrence stated that if a larger operator such as Aquarion Water Company were operating these small systems, the design of the system may be very different.
- David Banker from the Metropolitan District Commission stated that from the Western WUCC, they are concerned about impending streamflow release requirements and the impact on future source needs.
 - Several towns stated they would need to look for future sources as a result of streamflow regulations including Wallingford, Manchester, and Aquarion.
- The meeting was adjourned at 3:39 PM.

Respectfully Submitted,
Brendan Avery, Recording Secretary – Central WUCC