

**Meeting Minutes**  
**Western WUCC Convening Meeting**  
**Brookfield Municipal Center – 100 Pocono Road, Brookfield, CT**  
**March 20, 2018 10:00 AM**

The Western Water Utility Coordinating Committee (WUCC) held a meeting on March 20<sup>th</sup>, 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):

<b>WUCC Member Representative</b>	<b>Affiliation</b>
Dan Lawrence (Co-Chair)	Aquarion Water Company
Tom Villa	Town of Bethel
Russell Posthauer (Co-Chair)	Candlewood Springs Property Owners Assoc.
David Connors	CT Water Company
Mike Elliot	First District Water Department
Meghan Sloan	Metro COG
David Banker	Metropolitan District Commission
Aaron Budris	Naugatuck Valley Council of Government
Joanna Wozniak-Brown	Northwest Hills Council of Government
Tiffany Lufkin	South Central CT Regional Water Authority
Michael Tanuis	Watertown Fire District
Vincent Tanuis	Watertown Fire District
Jim Rollins	Winsted Water Works
Richard Nalette	Winsted Water Works

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

<b>Non-WUCC Member Representative</b>	<b>Affiliation</b>
Doug Hoskins	CT Department of Energy & Environmental Protection
Eric McPhee	CT Department of Public Health
Gail Lucchina	CT Public Utilities Regulatory Authority
David Murphy	Milone & MacBroom, Inc. (MMI)
Erick Toledo	RCAP Solutions

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

**1. Welcome & Roll Call**

The Chair opened the meeting at 10:03 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 February Meeting Minutes**

Mr. Lawrence asked if there were any comments or changes from the floor. Ms. Lufkin corrected a statement on page three of the minutes regarding the Regional Water Authority to state that some changes to RWA's rate structure "may require a change" to RWA's Charter instead of "will require a change". Mr. Posthauer moved to approve the minutes as amended. Mr. Elliot seconded. Members voted unanimously to approve. Mr. Connors abstained from the vote.

**3. Review of Formal Correspondence**

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

- 2018-02-20 – Letter from Reale Demay, Water System Specialties regarding Newport Academy North Campus, a new NTNC system to serve a facility in Bethlehem.
- 2018-03-16 – Copied on DPH Phase IB approval for Wheels Store 14 in Southbury, TNC system.

Newport Academy discussion occurred under agenda item 5 and no action was needed regarding the Wheels Store system.

**4. Public Comment**

The Chairs opened the public comment period, no public comment was offered.

**5. Discuss Newport Academy North Campus - Bethlehem**

- Mr. Murphy showed a map with the approximate location of the Newport Academy North Campus, adjacent to an existing Newport Academy system and within Aquarion Water Company's Exclusive Service Area.
- A brief discussion of the type of development and location ensued.
- Mr. Lawrence stated that Aquarion has not been contacted by the development and he will reach out to the developer.

## **6. Review & Discuss Draft Preliminary Integrated Report & Executive Summary**

- Mr. Murphy reviewed the revised schedule for completion of the Integrated Report and Executive Summary, which included public comment period from March 21 to April 20<sup>th</sup>.
- A discussion ensued regarding moving the date of the next WUCC meeting from April 10<sup>th</sup> to April 24<sup>th</sup> to allow for the close of the public comment period and the assembly of comments received for review by the WUCC.
- Ms. Wozniak-Brown stated that she had a competing meeting on April 24<sup>th</sup>
- There was consensus among members to move the next WUCC meeting to April 24<sup>th</sup>.
- There was additional discussion among members regarding moving the May meeting date.
- Mr. Murphy suggested that the WUCC wait until the April meeting to review comments received to see the extent of revision required, before moving the May meeting date.
- There was consensus among members to review the May meeting date at the April WUCC meeting.
- Mr. Murphy presented a table for the Prioritization and Implementation of Non-Capital Improvement Recommendations with comments from the other WUCCs.
- Ms. Lufkin asked why the prioritization column had been removed by other WUCCs.
- Mr. Murphy stated that the other WUCCs decided to use the timeframe as a setting for prioritization of recommendations.

### Topic Area: Responsible Planning

- Mr. Murphy reviewed the goals, leads and timelines.
- A discussion occurred among members regarding the need to increase the minimum design standards/requirements for non-community water systems.
- Mr. McPhee discussed DPH's regulation review process, schedule and limitations.
- Mr. Murphy stated that both DPH and the WUCC could be the lead for this item.
- Ms. Wozniak-Brown suggested the WUCC provide DPH a letter to emphasize priorities such as non-community system standards.
- Mr. McPhee stated that items such as non-community system standards could be hurt by not including prioritization, and items like this should be included in a top ten list for the WUCC.
- Ms. Lufkin added that this item has a higher priority in the Western WUCC than in other regions.
- Mr. Murphy provided an overview of the five-percent rule.
- Mr. McPhee stated that there are better processes which could be used to review small system expansion other than the five-percent rule.
- Mr. Murphy discussed reviewing data reporting requirements for utility, WUCC and statewide planning.
- Mr. Lawrence asked Mr. Hoskins about data gaps regarding registered diversions.
- Mr. Hoskins agreed that it would be beneficial to collect the data.
- Mr. Lawrence asked if DPH will have the capacity to review the small system Capacity Assessment Tool scores and provide updates annually.
- Mr. McPhee responded that DPH is working on a standard questionnaire and a schedule.
- A discussion of GIS data, availability and accuracy occurred.

- Ms. Wozniak-Brown stated that it would be beneficial if the WUCCs and DPH could provide GIS data with source water protection areas including watershed and aquifer protection areas to the regional councils of government and towns to help the towns with watershed protection.
- Mr. McPhee stated that some GIS data from the state may be outdated and piecemeal.
- Ms. Sloan suggested that the WUCC could start by developing a list of trusted data, as well as a list of other data which should be added.
- Ms. Wozniak-Brown stated that the WUCC should make the state data coordinator aware of any data that is needed.
- Mr. Lawrence stated that the WUCC could prioritize data needs in the timeline to ensure that it is done in the near term.
- Mr. Villa stated that the information assembled for the Coordinated Water Supply Plan should be prioritized to add to the state data sources.
- A brief discussion of non-community water system location occurred.
- Mr. McPhee stated that data is available and asked if property/parcel level information would be sufficient.
- Mr. Murphy responded affirmatively.
- A discussion of the need for small systems to meter and report water usage occurred.
- Mr. Lawrence stated that metering and reporting requirements could be included in the regulation revision for non-community system standards.
- Ms. Sloan asked the typical cost for a water meter.
- Mr. Tanuis replied that the cost depends on the size, but ranges from a couple hundred to a couple thousand dollars.
- Mr. Hoskins added that DEEP would likely support an effort to meter and report small system withdrawals.
- A discussion of risk based small system takeover occurred.
- Ms. Lucchina stated that PURA has a pending docket to update the small system takeover process.
- Mr. Villa suggested moving up the timeframe to 2023 to work with the PURA docket.
- Mr. Posthauer suggested adding records keeping to small system training in asset management.
- Mr. Lawrence added that it would be nice if small systems self-evaluated their status with reporting through DPH, but we may need the WUCC to reach out to these systems to explain the alternatives and update their status.
- Mr. Lawrence added that volunteer run small systems are often at a higher risk and may require additional assistance when the operator leaves the system.

Topic Area: Source Protection

- Mr. Murphy reviewed the goals, leads and timelines.
- Mr. Lawrence stated that many towns are missing coordination steps/processes for watershed/aquifer protection with water systems and local regulations need stronger language for drinking water watershed protection.
- Mr. Budris added this could be an area best handled by providing better data and GIS layers to towns.

- Mr. Connors stated that it would be difficult to improve this process in the WUCC, and it should be managed at the town planning & zoning level.
- Ms. Wozniak-Brown suggested creating source protection data and checklists for local towns and health departments to utilize.
- Mr. Murphy responded that he would add an item to create a checklist for town P&Z and health departments to utilize for development in drinking water watersheds.

#### Topic Area: Drought Management

- Mr. Murphy reviewed the goals, leads and timelines.

#### Topic Area: Water Conservation

- Mr. Murphy reviewed the goals, leads and timelines.
- Mr. Lawrence asked if there are any items related to water audits on high usage accounts.
- Mr. Murphy replied that audits could be included in water efficiency.
- Ms. Wozniak-Brown asked if use of Class B water in potable sources.
- Mr. Lawrence stated that the use of Class B waters would be encouraged for large non-potable uses such as power generation, golf courses, etc.
- Ms. Wozniak-Brown stated that the WUCC could use the building code to encourage improvements in efficiency and reuse. Grey water reuse would need to be included in the checklist/handout to towns.

#### Topic Area: Resiliency (Climate Change)

- Mr. Murphy reviewed the goals, leads and timelines.
- Mr. Hoskins stated that climate change is effecting calculation of return storm frequency, streamflow and other inputs which in turn affect safe yield, flood levels, etc.
- Ms. Wozniak-Brown stated that the WUCC should coordinate with local health departments to gather data on areas where private wells chronically go dry.
- Mr. Banker mentioned that the Central WUCC discussed need for statewide data collection on groundwater levels, since site specific well data is frequently affected by recent pumping rates of the wellfield. The Central WUCC suggested DEEP developing a monitoring program.
- Mr. Murphy clarified that raising wells above the 0.2% annual chance flood is a local requirement where locally adopted, not a state requirement.
- Ms. Wozniak-Brown asked if WUCC needs to include a recommendation for the state to continue to fund USGS stream gages.
- Ms. Wozniak-Brown suggested adding redundant infrastructure, generators, etc. to checklist requirements for small systems.

#### Topic Area: Funding

- Mr. Murphy reviewed the goals, leads and timelines.
- Ms. Wozniak-Brown stated that matching funds from the state would help to fund improvements.
- Ms. Sloan stated that the COG's WUCC time is paid for by the regional services grant, but grant levels change from year to year.
- Ms. Wozniak-Brown asked what is the grant funding for small systems and regional water supply.

- Mr. McPhee responded that those grants are a component of the DWSRF funds administered by DPH for water system improvements. Grants associated with this program are typically provided by the legislature, and are only funded periodically.
- Mr. Lawrence asked if any of the members had worked with other water systems for bulk chemical purchase for water treatment. Aquarion has worked with a consultant in Massachusetts which bids chemical supplies for ten town systems.
- Ms. Lufkin suggested adding chemical supply to the joint use arrangement item.
- Ms. Wozniak-Brown suggested adding meter bid for small systems to the joint use arrangement item.

#### **7. Preliminary Integrated Report & Executive Summary – Vote to Release for Public Comment Period**

- Mr. Murphy reviewed a list of updates which were made to the report based upon comments received from members.
- Ms. Lufkin provided three brief comments regarding the consistency/accuracy of the abbreviation of the South Central Connecticut Regional Water Authority in the report, need to fix the Table 5 header column to fit text and the need to reword the paragraph discussing Public Act 17-211 on page 2-3.
- Ms. Wozniak-Brown made a motion to approve the preliminary integrated report and preliminary executive summary, as amended, to be submitted for a 30-day public comment period ending on April 20, 2018.
- Mr. Nalette seconded the motion.
- The motion passed unanimously.

#### **8. Other Business**

- Mr. Murphy mentioned that the Eastern WUCC will be considering nominations with subsequent elections for officers and the Western WUCC could consider for a future meeting.
- Mr. Murphy reminded members of the CIRCA workshop for implementing a drinking water resilience plan scheduled for Friday April 6<sup>th</sup> at the UConn Avery Point campus in Groton and made the members aware that there are still open seats available.
- Mr. McPhee reminded attendees that DPH has a training session for source water protection scheduled for Thursday March 22<sup>nd</sup>.

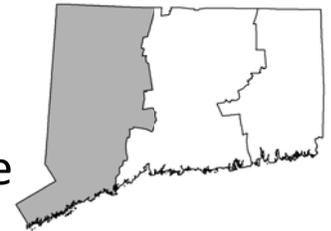
As there was no more business, Mr. Posthauer made a motion to adjourn. Mr. Lawrence seconded the motion. The motion passed unanimously and the meeting closed at 11:42 AM.

The next Western WUCC Meeting is scheduled for Tuesday April 24<sup>th</sup>, 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

March 13, 2018

Location: Brookfield Town Hall

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

Russell Posthauer, Jr., Co-Chair  
russellposthauer@ccaengineering.com  
203-775-6207

Daniel Lawrence, Co-Chair  
DLawrence@aquarionwater.com  
203-362-3055

David Banker, Recording Secretary  
DBanker@themdc.com  
860-278-7850 Ext. 3650

1. Welcome & Roll Call (5 minutes)
2. Review and Approval of February Meeting Minutes (5 minutes)
3. Review of Formal Correspondence (5 minutes)
4. Public Comment (5 minutes)
5. Discuss Newport Academy North Campus – Bethlehem (10 minutes)
6. Review and Discuss Draft Preliminary Integrated Report & Executive Summary (70 minutes)
7. Preliminary Integrated Report & Executive Summary (20 minutes)  
Vote to Release for Public Comment Period
8. Other Business, if time allows

If the meeting is postponed, the revised meeting date will be Tuesday March 20<sup>th</sup>.

***Water Systems Specialties***  
***~ We're All About Water ~***

---

February 20, 2018

Russell T. Posthauer Jr.  
Chairman of Western WUCC

Per CT DPH requirements we are notifying you of a proposal to develop a new NTNC water system at 98 Todd Hill Road in Bethlehem, CT.

The proposed development is to be a substance/mental health treatment facility for boys only and up to 52 clients.

There is no viable public water system with sufficient capacity to provide for this project.

CT DPH, Torrington Area Health and local wetlands have all been notified of this project. Before we can proceed to the next phase, the DPH requires us to contact the Western WUCC of this proposed water system.

Our research shows that Bethlehem is an unclassified/ undefined Exclusive Service Area. Therefore, we are requesting approval from the WUCC to proceed with this proposed water system.

Please contact me if you have any questions.

Thank you,

Reale D. Lemay  
CT DPH Certified Operator  
President of *Water Systems Specialties*

*Water Systems Specialties*  
*~ We're All About Water ~*

---

---

33 River Street, Unit 3  
Thomaston, CT 06787  
Phone: 860.283.8822 Fax: 860.283.8855  
[RDLeMay@wssct.com](mailto:RDLeMay@wssct.com)  
[www.watersystemsspecialties.com](http://www.watersystemsspecialties.com)

# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH



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

Dannel P. Malloy  
Governor  
Nancy Wyman  
Lt. Governor

Drinking Water Section

February 13, 2018

Jamison Monroe  
Newport Academy North Campus  
3835 Cleghorn Drive, Suite 200B  
Nashville, TN 37215

**Public Water System/Applicant:** Newport Academy North Campus  
**DPH Project #:** 2018-0043  
**Project Location:** 98 Todd Hill Rd, Bethlehem, CT  
**Date of Project Submission:** 1/31/2018

The Department has received information that the property at 98 Todd Hill Rd, Bethlehem, CT is planning a development of an on-site water system having 15 or more service connections or serving 25 or more people. The Department requires the property owner to obtain a Certificate of Public Convenience and Necessity (CPCN) for the proposed Public Water System (PWS) before any construction of the system can begin.

In order to determine if the proposed project may result in the creation of a new water company, a General Application Form must be completed and submitted to this office. The CPCN process reviews the design of the proposed PWS from development of the water sources to the piping system that will bring the water to the consumer. One purpose of the "Certificate process" is to ensure that all new public water systems are built to particular specifications and have adequate Technical, Managerial, and Financial capacity to maintain compliance with regulations after the system is put into operation. The entire CPCN application is separated into three phases:

- Phase I-A (site location for source of supply),
- Phase I-B (development of the source of supply),
- Phase II (water distribution, storage, treatment).

The CPCN application forms are available on the DPH – Drinking Water Section website at:  
<http://www.portal.ct.gov/DPH/Drinking-Water/DWS/Certificate-of-Public-Convenience-and-Necessity>

If you have any questions, please contact me of this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Vicky Carrier".

Vicky Carrier, P.E.  
Sanitary Engineer 3  
Drinking Water Section

Cc: Mr. Rob Rubbo, Director of Health  
Mr. Tom Stansfield, Deputy Director of Health  
Mr. Rich Rossi, Sanitarian  
Mr. RD Lemay, Operator and Water System Consultant



Phone: (860) 509-7333 • Fax: (860) 509-7359  
410 Capitol Avenue, P.O. Box 340308, MS#12DWS  
Hartford, Connecticut 06134-0308  
[www.ct.gov/dph/publicdrinkingwater](http://www.ct.gov/dph/publicdrinkingwater)

*Affirmative Action/Equal Opportunity Employer*



STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH



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

Dannel P. Malloy  
Governor  
Nancy Wyman  
Lt. Governor

Drinking Water Section

March 16, 2018

Ms. Christine Hogan  
204 Spring Hill Road  
Trumbull, CT 06611

PROPOSED PUBLIC WATER SYSTEM:      Wheels Store No. 14  
PROPOSED CLASSIFICATION TYPE:      Transient Non-Community  
TOWN:    Southbury, CT  
DPH PROJECT NO.:                              2017-0189

RE:      Phase I-B approval for a Certificate of Public Convenience and Necessity of the above-referenced Proposed Public Water System

Dear Ms. Hogan:

The Department of Public Health (DPH) has completed its review of the Phase I-B application under the "Certificate of Public Convenience and Necessity" (CPCN) of the above-referenced proposed public water system. Based on our review, the Phase I-B application is approved.

Attached is the Well Water Quality and Quantity Review that allows you to continue the certificate process for your water system. The next phase would be to submit plans and specifications for review by this office. Those plans were received on February 28, 2018. Please be reminded that this Phase I-B approval should not be construed as the final approval of the CPCN nor is it approval to use the well for public water consumption.

Should you have any questions or concerns regarding this Phase I-B approval, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Luis Andrade".

Luis Andrade  
Engineer Intern  
Drinking Water Section

MBS/la

cc:      Mr. Neal Lustig, Director of Health, Pomperaug Health District  
         Mr. Doug Hoskins, DEEP Water Protection and Land Reuse Bureau  
         Mr. Russel Posthauer, Candlewood Springs Property Owners (Western WUCC Co-Chair)  
         Mr. Daniel Lawrence, Aquarion Water Company (Western WUCC Co-Chair)  
         Mr. David Banker, Metropolitan District Commission (Western WUCC Recording Secretary)



Phone: (860) 509-7333 • Fax: (860) 509-7359 • VP: (860) 899-1611  
410 Capitol Avenue, MS#51WAT, P.O. Box 340308  
Hartford, Connecticut 06134-0308  
[www.ct.gov/dph](http://www.ct.gov/dph)

*Affirmative Action/Equal Opportunity Employer*

# STATE OF CONNECTICUT

## DEPARTMENT OF PUBLIC HEALTH

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



Dannel P. Malloy  
Governor  
Nancy Wyman  
Lt. Governor

### Drinking Water Section

### WELL WATER QUALITY AND QUANTITY SUITABILITY REVIEW

March 16, 2018

Ms. Christine Hogan  
204 Spring Hill Road  
Trumbull, CT 06611

**Public Water System:** Wheels Store No. 14

**PWSID:** TBD

**DPH Project #:** 2017-0189

**Town:** Southbury, CT

**Proposed Well(s):** Well# 1

**Date(s) of Project Submission:** January 18, 2018, with additional information submitted 2/21/18 and 2/28/2018.

**Project Description:** Certificate of Public Convenience and Necessity (CPCN) Phase 1-B Well Water Quality and Quantity Suitability Review.

The Well Water Quality and Quantity application and other pertinent information submitted for proposed well#1 , intended to serve the 1411 Southford Road convenience store and filling station, has been reviewed by the Department of Public Health (DPH).

1. The well water quality meets the standards of Section 19-13-B102(e) of the Regulations of Connecticut State Agencies (RCSA).
2. The daily safe yield of well# A is 7,290 gallons per day (GPD) based on the information provided as partially summarized in the following table.

No. or Name of Well:	Well# 1
Duration of yield test: (hours)	<input checked="" type="checkbox"/> ≥ 12 hours, <input type="checkbox"/> ≥ 36 hours, <input type="checkbox"/> ≥ 72 hours
Constant pumping rate: (gpm):	7.5 gpm
Water Level at Constant pumping rate: (feet):	-23'
Hours of water level stabilization: (hours)	<input checked="" type="checkbox"/> ≥ 12 hours, <input type="checkbox"/> ≥ 24 hours per CPCN
Yield test was conducted simultaneous with wells:	<input checked="" type="checkbox"/> NA
Daily Safe Yield <sup>a</sup> : (GPD or MGD)	7,290 GPD



Phone: (860) 509-7333 • Fax: (860) 509-7359  
410 Capitol Avenue, P.O. Box 340308, MS#12DWS  
Hartford, Connecticut 06134-0308

[www.ct.gov/dph/publicdrinkingwater](http://www.ct.gov/dph/publicdrinkingwater)

*Affirmative Action/Equal Opportunity Employer*



- a. For bedrock wells, the daily safe yield is based on an 18- hour pumping per day or 0.75 times the constant pumping rate in gallons per minute (gpm) times a conversion factor of 60 minutes per hour = 18 hrs./day x (7.5 gpm) x 60 mins./hr. multiplied by factor of 0.90= 7,290 gallons per day.

In order to proceed with the development of proposed Well# 1 the following terms must be met:

1. Upon installation and prior to making the well water available for use, the DPH must be contacted to make arrangements for an inspection to review the well construction, piping and appurtenant arrangement, and treatment equipment. The inspection must be completed in order for the DPH to consider issuing a Well Use Approval as required per Section 19-13-B511 of the RCSA.
2. The well must not be placed into active service until a Well Use Approval is received from DPH in compliance with Section 19-13-B511 of the RCSA.
3. In accordance with Section 19-13-B102(d)(2) of the RCSA, plans for the well head arrangement (i.e. sanitary seal/cap, pitless adapter, pit, final grading plan, etc.) and piping to connect the new well to the system's facility (type of pipe, site plan, valves, meter, sample tap, etc.), as well as for any treatment equipment, must be submitted to the DPH for review, and approval must be obtained from the DPH prior to installation. The Phase 2 application containing this information was submitted on February 28, 2018
4. While reviewing the CPCN Phase IB application it was noted that the distance to some of the sources of pollution around the well were incorrectly called out in the Phase 1A Well Site Suitability Approval dated November 7, 2017. A revised Phase 1A Well Site Suitability Certificate was reissued on March 6, 2018 by Mira Lami reflecting the correct distances according to the site plan and well site suitability inspection.

Finally, if the DPH learns that any information relied upon by the DPH in reaching its decision on any safe daily yield is incorrect or false; the DPH may in its discretion revoke this decision and request an updated safe daily yield test with appropriate written notification.

Sincerely,



Luis Andrade  
Engineer Intern  
Drinking Water Section

MBS/la

cc: Mr. Neal Lustig, Director of Health, Pomperaug Health District  
Mr. Doug Hoskins, DEEP Water Protection and Land Reuse Bureau