

UPPER CONNECTICUT RIVER WUCC

May 14, 2009

DRAFT

A regular meeting of the Upper Connecticut River WUCC was held at the offices of the New Britain Water Department, 1000 Shuttle Meadow Avenue, New Britain, CT on Thursday, May 14, 2009 at 10:00 A.M.

1. Call to Order: Chairman Bligh called the meeting to order at 10:02 A.M. A copy of the attendance list is attached as Exhibit A.
2. April 8, 2008 Meeting Minutes: The minutes of the April 8 2008 annual meeting were unanimously approved with no discussion.
3. Request for Two Proposed Non-Community Public Water Supply Systems – Somers and Harwinton, CT: Chairman Bligh led discussion on two proposed water system projects that had been forwarded by DPH to the UCR WUCC during the prior year. As explained by Chairman Bligh, both projects involved the proposed formation of new, non-community water systems and were reviewed by subcommittees in accordance with recently established WUCC procedures. It was noted that correspondence relative to the projects was posted on the Department of Public Health's website in advance of the meeting¹.

The first proposed system, Worthington Pond Farm, involved formation of a transient, non-community water system in Somers. The subcommittee recommended, and Chairman Bligh conveyed to DPH via letter dated July 14, 2008, that Worthington Pond Farm be allowed to proceed with development of a new water system, which system would be operated by Hazardville Water Company as the exclusive service area holder.

Following discussion, Mr. Stephani, CCRPA, made a motion to accept the Chair's report. The motion was unanimously approved in a voice vote. It was noted by participants that the subcommittee process was an effective tool and that DPH had developed new forms to assist in the review process.

The second proposed system, Harwinton Sunoco, involved formation of a transient, non-community water system in Harwinton. Data provided by Torrington Water Company indicated that a main extension of approximately 5,000 feet would be required to provide service at an estimated cost of \$809,000. Chairman Bligh noted that Torrington was not interested in owning or operating a satellite water system at the site and had agreed that the owner be allowed to pursue a certificate of public convenience and necessity, given the nature of the system and distance involved. Chairman Bligh conveyed this recommendation to DPH via form dated January 30, 2009.

¹ www.ct.gov/dph

Mr. Cerruto, Torrington Water, asked for clarification on the requirements involved in creating a new water system. This was addressed by Mr. Messer, DPH, who commented on the changes effected during the 2008 legislative session. Thereafter, Mr. Cerruto made a motion to accept the Chair's report, which motion was unanimously approved by voice vote.

4. DPH Items: Mr. Messer, DPH, utilized a Powerpoint presentation (attached as Exhibit B) to provide an overview of DPH's organizational structure and staff; various highlights from the original WUCC Coordinated Report; WUCC and ESA provider rights and responsibilities as they pertained to Certificate of Public Convenience and Necessity projects; and the status of UCR WUCC individual water supply plans.

During discussion, Mr. Messer stressed the need for utilities to embrace interconnections as a means of addressing regional issues. He also noted that DPH was planning regional forums in each of the three management areas that have not had WUCCs convened to date (Northeast, Southwest and Northwest), and that the Department hoped to have each area elect a representative to participate in a statewide WUCC process.

5. Opportunity for Public Participation: None requested.
6. Old Business: Chairman Bligh noted he had received a letter from DPH regarding the WUCC's earlier recommendation that a new water system be allowed to form at 214 New Bolton Road in Manchester. A copy of the letter, dated April 30, 2008, was distributed at the meeting and is attached as Exhibit C.
7. New Business: None.
8. Date for Future Meeting: The next regular meeting of the UCR WUCC was set for the second week in May, 2010, at 10:00 A.M. (specific date to be determined,) at the offices of the New Britain Water Department.
9. Adjournment: The meeting was adjourned at 11:08 A.M.

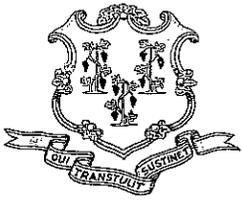
Respectfully submitted,

David L. Radka
UCRWUCC Secretary

Upper CT. WUCC Annual Meeting
 May 14, 2009 - New Britain Water Department
 Sign-in Sheet

EXHIBIT A

Name	Company	Email	Voting Member
Gil Bligh	New Britain	gbl@ch.ci.new-britain.ct.us	Yes
Michael Pasco	City of Hartford	pascom002@hartford.gov	-
Rob Longo	Bristol Water	robertlongo@CT.Bristol.ct.us	Yes
D. Radha	Conn. Water	dradha@ctwater.com	Yes
Terri Schnoor	DEP-WPLR	terri.schnoor@ct.gov	NO
BRUCE WITTCHEW	OPM	BRUCEWITTCHEW@CT.GOV	NO
STEVEN CERRETO	Tom Water Co	SCERRETWC@netscape.net	yes
Michael Tonelli	CCRPA	Michael@CCRPA.ORG	NO
ROBERT W. WESNESKI	Avon Water	avonwater@snet.net	YES
Jonathan S Avery	Hg Water Co		Yes.
Frank Chianante	Hartford	frselectram@Hartford.us	NO
Norma Gyle	DPH	norma.gyle@ct.gov	no
Alex Tabatabai	DPH	ahmadali.tabatabai@ct.gov	No
S. Fajriyati	DPHC	SUSANNA.FAJRIYATI@PO.STATE.CT.US 860-827-2816	AS
Erik Bernard	Aquarion	ebernard@aquarionwater.com	Yes
Robert Sherwood	Hazardville Water	bsherwood@hazardvillewater.com	NO
Carl Stephani	CCRPA	CARL@CCRPA.ORG	YES
Steve Messer	DPH-DWS	steve.messer@ct.gov	NO
Tom West	SWD	twest@southingtonwater.org	yes
Fred Rogers	"	Frogers@southingtonwater.org	yes



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

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EXHIBIT C

April 30, 2008

Gilbert J. Bligh
Chairman, Upper CT WUCC
C/o New Britain Water Department
1000 Shuttle Meadow Avenue
New Britain, CT 06052

Re: Manchester Congregation of Jehovah's Witnesses

Dear Mr. Bligh:

Thank you for your letter of 4/11/08 to Commissioner Norma Gyle regarding the Upper Connecticut Water Utility Coordinating Committee's recommendation to allow creation of a new public water system for the proposed Jehovah's Witness place of worship at 214 New Bolton Rd. in Manchester. A letter has been sent from this Department to Mr. Anthony Spina, representing the Manchester Congregation of Jehovah's Witnesses, outlining the requirements to initiate the Certificate of Public Convenience and Necessity process for the creation of this new public water system.

If you have any questions, please feel free to contact this office.

Sincerely,

Darrell Smith
Acting Section Chief
Drinking Water Section

ds/sr

Phone:

(860) 509-7333

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**CONNECTICUT DEPARTMENT OF
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**Upper CT River Water Utility
Coordinating Committee
Meeting
May 14, 2009**

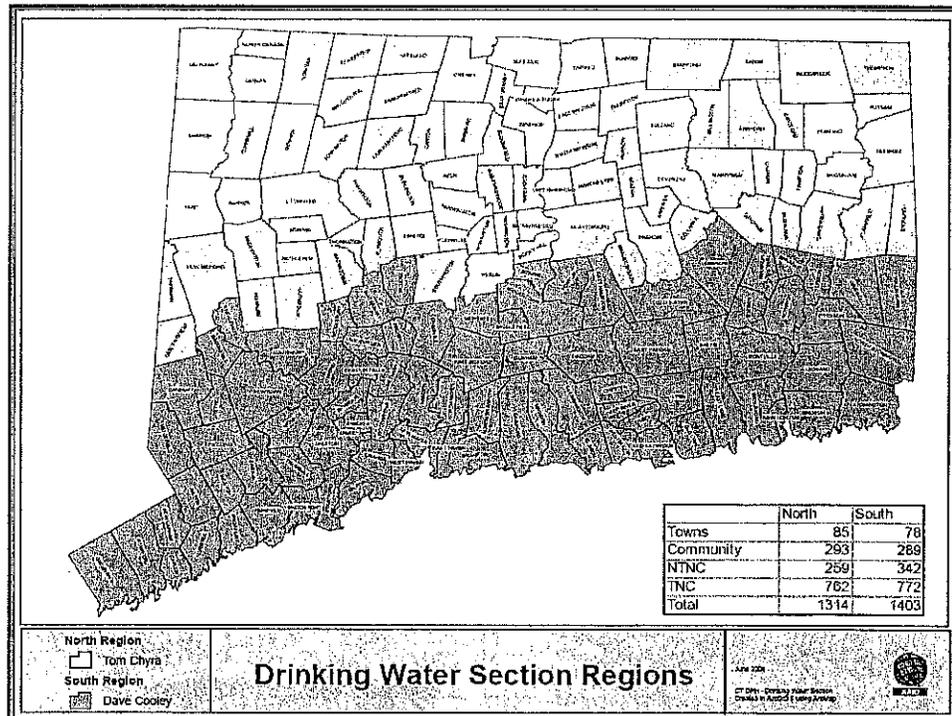
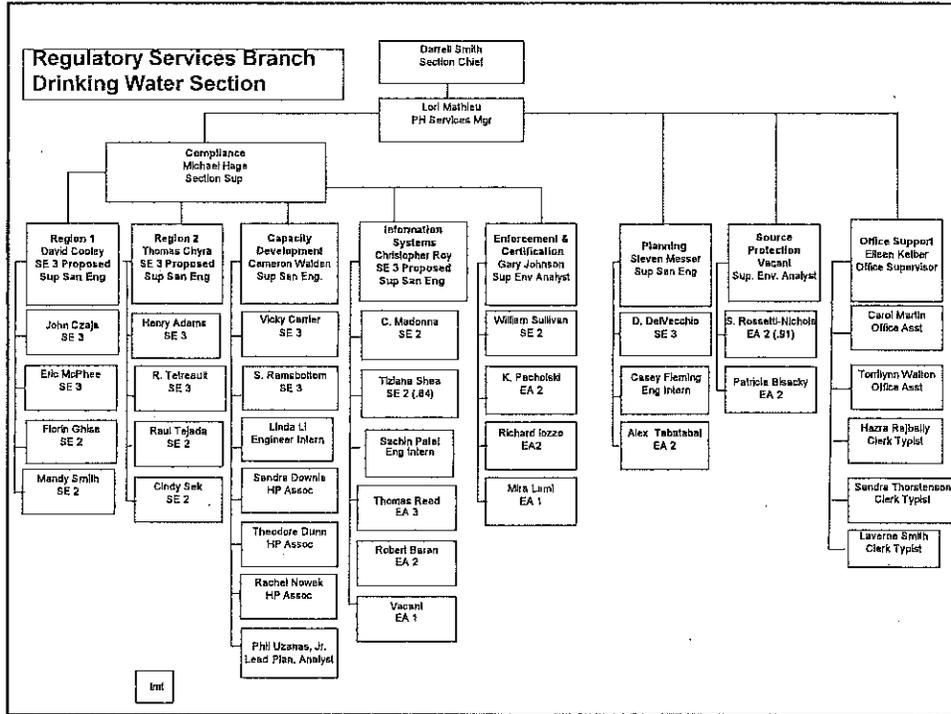
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**CONNECTICUT DEPARTMENT OF
PUBLIC HEALTH**
Creating Connecticut Health

**DWS Organizational Structure
Management/Supervisors**

◆ Section Chief	Darrell Smith
◆ Public Health Services Manager	Lori Mathieu
◆ Section Supervisor, Engineering	Mike Hage
◆ Region 1 (Southern CT)	David Cooley
◆ Region 2 (Northern CT)	Thomas Chyra
◆ Information Systems	Chris Roy
◆ Capacity Development	Cameron Walden
◆ Enforcement and Certification	Gary Johnson
◆ Source Protection	Vacant
◆ Planning	Steve Messer
◆ Office Support	Eileen Kelber

Drinking Water Section



Upper CT River Water Supply Management Area Executive Summary Synopsis: The need for coordinated development

- ◆ The overall growth and changing growth patterns, coupled with known contamination in many private and public wells, points to the need for a coordinated approach as water supply and distribution systems expand to serve future needs.
- ◆ In many ways the lack of coordination between utilities and the towns and cities they serve centers around land use and water supply protection. This problem appears to revolve around either the general lack of communication or lack of defined mechanisms or procedures for communicating information.
- ◆ The WUCC saw significant need for managerial and technical support to be provided to small water companies that were created to serve a single development.
- ◆ The WUCC is concerned that a number of towns have either not adopted a plan of development or do not address the need for drinking water source protection within their plan. The WUCC recommends that these towns set up an ad hoc committee to establish appropriate protection procedures, both for watersheds and for aquifers.

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Identified Problems within the Management Area

- ◆ Many of the reported water quality problems are associated with EDB (ethylene dibromide) resulting from its use as a pesticide and VOCs used in manufacturing processes.
- ◆ System reliability and adequacy of service, especially for small systems.
 - ◆ Low Pressure
 - ◆ Inadequate supply and/or storage
 - ◆ Inadequately sized distribution piping
 - ◆ Reliance upon a single source of supply
 - ◆ Lack of emergency power
- ◆ Lack of fire fighting capability

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Regulatory Concerns

- ◆ The WUCC is concerned with uncertainty in the development and level of use of future sources due to diversion permit requirements, including concerns related to the maintenance of minimum flows in nearby streams.
- ◆ Sentiment was expressed by WUCC members that use of Class B sources should be allowed if its quality meets Federal and State criteria for a drinking water source.
- ◆ The WUCC strongly suggests that the State devise simpler rate increase applications for all utilities regardless of size, with these simpler applications structured so that truly pertinent issues are highlighted.
- ◆ The WUCC urges the State to allow greater flexibility in the following:
 - ◆ Diversion permit requirements (especially related to interconnections)
 - ◆ Rate relief in instances where failed utilities must be taken over
 - ◆ Financial assistance programs for these takeover instances or to further interconnection programs
- ◆ The WUCC has agreed to adopt, as a base, the minimum design standards embodied in the recently promulgated Final Regulations for issuing certificates of public convenience and necessity for small water companies. However, the WUCC has strongly emphasized the need for flexibility in applying these standards to specific situations, and has noted the desirability of maintaining individual utility standards where they have been shown to be appropriate.

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Water Systems with Future Supply Deficits

- ◆ The 1989 coordinated plan identified 4 systems (Bristol Water Department, CWC-Collinsville, Ellington Acres, MDC) with a projected deficit by 2000 and 8 systems (Bristol Water Department, CWC-Collinsville, Ellington Acres, MDC, Avon Water Company, Connecticut Water Company-Western, Plainville Water Company, Unionville Water Company) with a projected deficit by 2030.
- ◆ Currently, none of these systems have a calculated deficit. At least two systems (Berlin Water Control Commission and Bristol Water Department) are expected to have a deficit by 2030.

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CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
 Keeping Connecticut Healthy

Potential Future Sources Identified within the Coordinated Plan

Utility	Supply Source	Potential Yield (MGD)	Currently Developed
MDC	Colebrook/West Branch Res. Sys.	20.0	NO
MDC	Modifications to East Branch Farmington River Res. Sys.	10.0	NO
Plainville Water Company	West Branch Salmon Brook	10.0	NO
CTWC – Western system	Broad Brook Diversion to Shenipsit Res.	7.0	NO

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CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
 Keeping Connecticut Healthy

Potential Future Sources Identified within the Coordinated Plan (cont)

Utility	Supply Source	Potential Yield (MGD)	Currently Developed
Plainville Water Company	East Branch Salmon Brook	6.0	NO
CTWC – Western System	Scantic River Diversion to Shenipsit Res.	5.0	NO
CTWC – Western System	Hunt Well Field	3.0	YES
Southington Water Department	Dunham Place Well field	2.0	YES

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WUCC Recommendations Regarding Interconnections

- ◆ The WUCC saw the following recommendations as essential to any continuing regional interconnection program in the management area.
 - ◆ Financial assistance programs to foster an interconnection program for the area with particular emphasis on small systems.
 - ◆ Interconnections should not be subject to DEP's diversion requirements.
 - ◆ The State should take an active role in the overall coordination of interconnections and provide the motivation for developing accurate data and integrating this data into a viable management tool.

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WUCC Recommendations Regarding Interconnections (cont.)

- ◆ Interconnections, particularly emergency interconnections, should be overseen by an independent body, by the WUCC, or the State.
- ◆ Priority effort should be directed toward the development of a consistent and reliable program of generating, confirming and updating information on interconnections, with particular emphasis on emergency links.
- ◆ Emergency interconnections should be inspected not less than annually with semi-annual inspections preferable.
- ◆ A comprehensive program of testing interconnections should be prepared and implemented.

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WUCC Recommendations Regarding Interconnections (cont.)

- ◆ The WUCC recommended 54 interconnections to solve reported issues of quality and quantity. (*community*)
- ◆ As of today 26 of these systems with reported problems have interconnected.

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Certificate of Public Convenience and Necessity ESA Provider Responsibilities

- ◆ 16-262m-5(f) of the Regulations of Connecticut State Agencies:
 - ◆ Letter from ESA provider stating willingness or unwillingness to serve must:
 - ◆ Include linear footage, size of pipe, material, and cost of a main extension including service connections
 - ◆ Analyze additional supply, storage, and booster facilities as necessary for providing proper service, along with related costs
 - ◆ Discuss alternative of satellite ownership
 - ◆ A form is now available for the project applicant to provide to the ESA provider to obtain the required information. The form was developed to expedite the current process and ensure all required information necessary to make a feasible interconnection determination was obtained from the ESA provider.

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Certificate of Public Convenience and Necessity ESA Provider Responsibilities

- ◆ Satellite systems
 - ◆ Community systems: ESA provider is required to own.
 - ◆ Non-Community systems: ESA provider can elect to own, but this may not be practical.
 - ◆ A NTNC PWS is legally obligated to hire a certified operator. If the ESA does not retain ownership, the PWS is not legally obligated to hire the ESA as the certified operator.
 - ◆ If the ESA provider ever extends its water mains to the project area, the owners of the satellite system are legally obligated to tie into the ESA provider's mains.

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Certificate of Public Convenience and Necessity WUCC Responsibilities

- ◆ 16-262m-5(g) of the Regulations of Connecticut State Agencies:
 - ◆ If the ESA provider elects not to own the satellite system, a letter is required from the WUCC supporting the creation of a new PWS within an already established ESA.
- ◆ A new form is available to provide to the WUCC for such a determination. The form was developed to expedite the current process and promote consistency on a statewide basis.

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**Upper Connecticut River Water Utility Coordinating Committee
Individual Water Supply Plan Status Report**

NAME OF SYSTEM	Approval	Date	Current Draft	Comment Period	Comments Made	NOTES
	Approval	Date	Current Draft	Comment Period	Comments Made	
1 Aquarion Water Co. of CT	01/31/03	12/11/07	01/03/08		09/12/07	Update under review
2 Avon Water Company	07/07/04	08/27/08	10/31/08	01/30/09		Update under review.
3 Berlin Water Control	02/16/06					PLAN APPROVED 2/16/06.
4 Birmingham Utilities, Eastern Div.	11/16/06					PLAN APPROVED 11/16/06.
5 Bristol Water Department	06/02/05	07/31/09				PLAN APPROVED 6/2/05.
6 CT Correctional(Somers/Enfield)	09/02/03					PLAN APPROVED 9/2/03
7 CTWC-Collinsville	06/02/03	06/08/09	06/11/08			Page modifications requested, due 6/8/09
8 CTWC-Northern Region	01/26/08					PLAN APPROVED 1/26/08
9 CTWC-Thomes/Terry	04/03/06					PLAN APPROVED 4/3/06
10 CTWC - Unionville	12/21/05	12/31/09				PLAN APPROVED 12/21/05
11 Cromwell Fire District	03/24/08					PLAN APPROVED 3/24/08.
12 Ellington Acres Water	12/05/07					PLAN APPROVED 12/5/07
13 Hazardville Water Co	12/23/03	11/08/07	11/06/07	01/15/08		Update under review.
14 Kensington Fire District	04/26/05	07/31/08				PLAN APPROVED 4/26/05.
15 Manchester Water Dept.	06/02/03	10/01/07	10/01/07	01/02/08		Update under review.
16 Meriden Water Dept.	06/26/03	08/31/07	08/07/07	10/08/07		Update under review.
17 Metropolitan District	06/30/04	07/30/08	07/28/08	10/24/08		Update under review.
18 New Britain Water Dept.	09/05/03	06/10/09	10/15/07	12/14/07		Page modifications requested, due 6/10/09
19 New Hartford Water Dept.	09/18/06					PLAN APPROVED 9/18/06.
20 Portland Water Dept.	04/07/03		07/27/07			Update under review.
21 Salmon Brook District Water Dept.	12/04/06					PLAN APPROVED 12/4/06.
22 Southington Water Dept.	01/02/03		06/18/07			Update under review.
23 Tariffville Fire Dist.	06/02/03	01/10/08	01/09/08	04/17/08		Update under review
24 Torrington Water Co.	11/08/04	11/21/08	03/02/09			Update under review
25 Valley Water Systems	08/30/06					PLAN APPROVED 8/30/06.
26 Winsted Water Works	06/11/03	04/29/08	08/01/08			Update under review.
27 Worthington Fire Dist	08/10/05	11/27/2009				PLAN APPROVED 8/10/05.

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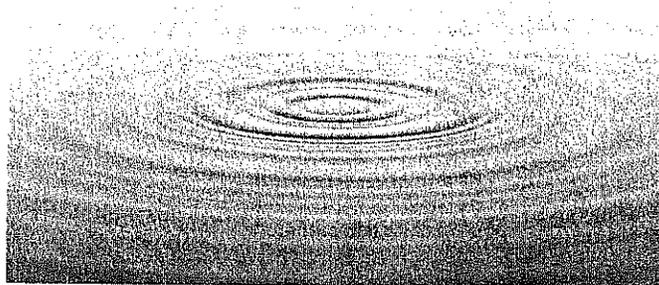
Keeping Connecticut Healthy

DWS Planning Unit Contact Info

- ◆ Steve Messer – Supervisor (860) 509-7326
steve.messer@ct.gov for any e-mail inquiries
- ◆ Alex Tabatabai (860) 509-7304
- ◆ Casey Fleming (860) 509-8041
- ◆ Dom DeVecchio (860) 509-7317

Drinking Water Section

**Thank you
And we all have a lot of WUCC,
WUCC, WUCC to do!**



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