

EXCLUSIVE SERVICE AREA DECLARATION FORM
CENTRAL CONNECTICUT WUCC
Due December 12, 2016

INSTRUCTIONS:

Please answer all questions in Sections 1 and 2 and Sections A through H. Attach additional sheets if necessary.

For additional information regarding the exclusive service area declaration process, please refer to the Central WUCC Work Plan, contact any of the Central WUCC Officers, or contact Ms. Jeanine Gouin of Milone & MacBroom, Inc. at 203-271-1773 or jgouin@mminc.com.

Kindly return this form completed and signed, and with any pertinent attachments, to Ms. Jeanine Gouin of Milone & MacBroom, Inc., 99 Realty Drive, Cheshire, Connecticut, 06410 via mail, fax (203-272-9733), or email (listed above) by 10 AM on December 12, 2016.

SECTION 1. DECLARANT INFORMATION

Water Utility or Municipality Name: The Connecticut Water Company

Mailing or Street Address: 93 West Main Street

Town, State, Zip Code: Clinton, CT 06413

Primary Contact Person & Title: Craig J. Patla, VP Service Delivery

Secondary Contact Person & Title: David L. Radka, Director of Water Resources & Planning

Contact Telephone: (860) 664-6140 or (860) 664-6059

Contact Fax: na

Contact Email: cpatla@ctwater.com or dradka@ctwater.com

SECTION 2. DESCRIPTION OF AREA CLAIMED BY DECLARANT AS EXCLUSIVE SERVICE AREA

Areas within the municipal boundaries of Stafford, Tolland, Willington, Coventry, Mansfield, Bolton, Andover, and Columbia, with the exception of those parcels of land currently served by public water systems, are open to declarants as proposed exclusive service area boundaries. Additionally, portions of Berlin, Southington, East Hampton and Farmington are currently open to declarants.

1. Please provide a written description in the box below of your proposed exclusive service area boundary. If you are claiming only a portion of land within any of the above municipalities, please provide a general description of the limits of your proposed exclusive service area. For example, "all of town A" or "the portion of town B as generally bounded by street C, street D, street E, and the municipal boundary with town F." Attach additional pages if necessary.

CWC proposes claiming all or portions of the following municipalities as exclusive service areas: Stafford, Tolland, Willington, Bolton, Coventry, Mansfield and Columbia. The exact ESA boundaries remain to be determined and will depend upon the extent of CWC's current service area in each town, the feasibility of extending service and satellite ownership, areas currently served by other utilities and individual municipal interests.

2. Please attach a clear delineation of your proposed exclusive service area boundary on a map for each portion of a municipality you are claiming.

Note: mapping to be provided at a later date.

SECTION A. SUPPORTING INFORMATION RELATED TO EXISTING WATER SERVICE AREA

Please answer the following questions. Attach additional sheets, if necessary.

1. Do you currently own and operate a public water system within each municipality in your proposed exclusive service area? Please contact the Central WUCC officers and Milone & MacBroom, Inc. if you are unsure. If you do not own a public water system within each municipality in your proposed exclusive service area, please indicate those municipalities where you do not currently own and operate a system.

CWC currently owns and operates public water systems in all towns.

2. If you do own and operate a public water system within your proposed ESA, are you planning on expanding your existing service area in the future? If yes, describe your general expansion plans for the 5-year, 20-year, and 50-year planning periods.

Yes, CWC plans on extending its existing service areas in response to municipal and utility needs. Generally, the 5-year planning period includes areas where development projects are in various stages of active planning and other areas where system improvements within the next five years are anticipated by the Company. The 20-year planning period includes projects that are somewhat speculative at this time but are considered to have a reasonable chance of actually occurring over the long term. Such areas generally require public water service to allow development to proceed. Finally, the 50-year planning period covers some presently undeveloped rural areas that are believed likely to develop as the population base increases and other previously developed residential and non-residential areas, currently served by individual wells, require public water. CWC's proposed ESA is anticipated to encompass areas outside the 50-year service area identified in the Company's most recent water supply plan.

3. If you answered yes in Question 2, are you planning on servicing your entire proposed exclusive service area via an extension of your existing system, or will some or all of the areas need to be served through satellite systems? Please describe your intentions.

It is expected that service will be provided by both extensions of existing distribution systems and through non-interconnected satellite water systems. The Company is willing to own and operate satellite community water systems provided they are properly designed and constructed in full compliance with our standards and Section 16-262m of the Connecticut General Statutes for small water systems.

SECTION B. SUPPORTING INFORMATION RELATED TO EXISTING LAND USE PLANS, ZONING REGULATIONS, AND GROWTH TRENDS

Please answer the following questions. Attach additional sheets, if necessary.

1. Describe your familiarity with the local, regional, and state land use plans, local zoning regulations, and recent local growth trends within each municipality in your proposed exclusive service areas.

CWC regularly reviews state and local land use plans, zoning regulations and assesses growth trends as part of the water supply planning process, and on an as-needed basis when any such changes have the potential to impact sources of supply or levels of service.

2. Identify the person or group at your utility or municipality responsible for reviewing and/or enforcing such plans and regulations, and what other groups serve to advise your utility or municipality on changes in land use and new developments at the local level.

Cindy Gaudino, Manager of Source Protection and Real Estate reviews municipal plans of conservation and development, applicable zoning regulations, and local land use proposals.

3. Do the current zoning, land use plans, and growth trends in the municipality(ies) in your proposed exclusive service area currently suggest that new public water systems, or an extension of public water systems, will be needed? If yes, please explain.

Zoning and land use plans support the extension of existing systems within most areas. However, some areas outside the 5, 20 and 50 year planning periods may also require the benefits of a public water supply as the standards for drinking water quality, including that derived from private wells, become more stringent. These areas will most likely be served by non-interconnected satellite water systems. Details related to CWC's proposed ESAs are to be determined.

4. Do the current zoning and land use plans in the municipalities in your proposed exclusive service area identify geographic locations where public water and/or public sewer service avoidance policies are being sought, and are therefore unlikely to require public water service in the immediate future? If yes, please explain.

Details related to CWC's proposed ESAs are to be determined.

5. Are you familiar with the current water supply planning regulations (Regulations of Connecticut State Agencies Section 25-32d) and how they relate to existing land use within each municipality that is served? Will these regulations affect your proposed exclusive service area and if so, how?

Yes. The degree to which RCSA Sec. 25-32d and its relation to land use affects CWC's proposed ESA will be assessed as such boundaries are better defined.

SECTION C. PHYSICAL LIMITATIONS TO WATER SERVICE

Please answer the following questions. Attach additional sheets, if necessary.

1. If you anticipate serving any or all of your proposed exclusive service area via an extension of your existing service area, will you need to develop new sources of supply to do so? In other words, do you have sufficient excess available water supply to reasonably serve the proposed exclusive service area?

System margin of safety (excess available supply over demand) varies by system. Details to be assessed as ESA claims are refined.

2. If you anticipate serving any or all of your proposed exclusive service area via satellite systems, please identify any known areas in your proposed exclusive service area where bedrock yields are poor and/or groundwater contamination has affected groundwater quality.

It is assumed some areas will need to be served by satellite systems. Details to be determined.

3. If you do not anticipate serving a portion of your proposed exclusive service, please identify how future potential problems may be addressed.

Future potential problems will be assessed on a case by case basis and addressed using the managerial, technical and financial resources of the company, as appropriate.

SECTION D. POLITICAL BOUNDARIES

Please answer the following questions. Attach additional sheets, if necessary.

1. Does your proposed exclusive service area cross political boundaries, such as municipal or borough boundaries? If yes, please explain.

Yes, in some areas. Details to be determined.

2. If you anticipate serving any or all of your proposed exclusive service area via an extension of your existing service area, will water come from sources across municipal boundaries?

Yes, in some areas. Details to be determined.

SECTION E. WATER COMPANY RIGHTS AS ESTABLISHED BY STATUTE, SPECIAL ACT, OR ADMINISTRATIVE DECISIONS

Please answer the following questions. Attach additional sheets, if necessary.

1. Do you have any right to provide water service within your proposed exclusive service area by virtue of State Statute? Please contact the Central WUCC officers and Milone & MacBroom, Inc. if you do not know. If yes, please cite the statute below. Note that if you are a municipality, please be reminded that you are authorized by Connecticut General Statute 7-234 of 1967 to provide water service to your municipality. You may cite that section below.

No.

2. Do you have any right to provide water service within your proposed exclusive service area by virtue of a Special Act of the Connecticut General Assembly? If yes, please provide a copy of the Special Act.

See Acts incorporating the Clinton Water Co, April 14, 1893; incorporating the Guilford Water Co, March 16, 1893, as amended March 29, 1895, and July 11, 1907; incorporating the Madison Water Co, April 19, 1893; incorporating the Chester Water Supply Co, July 6, 1895, as amended May 3, 1901 and July 11, 1907; incorporating the Deep River Water Supply Co, July 4, 1895, as amended May 3, 1901; incorporating the Broad Brook Water Co, 1849, as amended March 19, 1885, April 17, 1939 and April 25, 1961; creating the Broad Brook Water Co, June 16, 1959; incorporating the Thompsonville Water Co, March 24, 1880, as amended March 25, 1885, March 24, 1887, February 26, 1889 and May 19, 1915; incorporating the Rockville Aqueduct Co, June 27, 1866; incorporating the Windsor Locks Water Co, March 31, 1887, as amended April 25, 1887 and February 28, 1889; incorporating the Rockville Water & Aqueduct Co, March 1, 1893, as amended May 18, 1893, April 17, 1901 and June 29, 1959; incorporating the Village Water Co of Suffield, May 3, 1895; incorporating the Somers Water Co, June 30, 1905, as amended May 10, 1915 and May 7, 1917; incorporating the Ellington Water Co, April 1, 1915; incorporating the Suffield Water Co, May 19, 1915; incorporating the Stafford Springs Aqueduct Co, April 17, 1883; incorporating the Collinsville Water Co, June 17, 1901, as amended March 30, 1909; incorporating the Unionville Water Co, January 1893; and concerning the territory of the Vernon Water Co, May 29, 1968

3. Do you have any right to provide water service within your proposed exclusive service area by virtue of an Administrative Decision made by a State Agency? For example, the result of a DPH consent order or a PURA Docket? If yes, please provide a copy of the Administrative Decision.

See DEEP Diversion Permit no. DIV-201404187, authorizing the construction of a regional pipeline and transfer of water into Mansfield.

4. Do you have any right to provide water service within your proposed exclusive service area by virtue of a municipal law or ordinance, such as per a section in the Town Charter that establishes a Water Pollution Control Authority? If yes, please provide a copy.

No.

SECTION F. SYSTEM HYDRAULICS, INCLUDING POTENTIAL ELEVATIONS OR PRESSURE ZONES

Please answer the following questions. Attach additional sheets, if necessary.

1. If you anticipate serving any or all of your proposed exclusive service area via an extension of your existing service area, will you need to install additional storage tanks or pumping stations to do so? If yes, please provide a general description of needs.

Details to be determined.

2. Describe your utility's or municipality's experience with system hydraulics, including managing elevation changes and pressure zones.

CWC has extensive experience designing, constructing and operating all aspects of a water system, including distribution system hydraulics.

SECTION G. ABILITY OF A WATER SYSTEM TO PROVIDE A PURE AND ADEQUATE SUPPLY OF WATER NOW AND INTO THE FUTURE

Please answer the following questions. Attach additional sheets, if necessary.

1. Please describe your current source water protection program for protecting current and future sources of supply.

CWC conducts an aggressive, multifaceted source protection program covering all towns in which its water supplies and associated watershed/aquifer areas are located. The Company has one full-time employee in the source protection program and five employees who devote part of their time to watershed/aquifer inspections. The source protection program includes the following elements: Land use monitoring, On-site field inspections, Planning - Local, Regional, State and Federal, Emergency Spill Response. Please see CWC water supply plan Chapter 3 for additional detail.

2. If you anticipate serving any or all of your proposed exclusive service area via satellite systems, do you have experience owning and operating such systems? Please describe.

Yes, CWC owns and operates a number of non-interconnected satellite systems throughout the state.

3. Please describe your technical capacity to operate a public water system. Will you own and operate new systems, or do you expect to own new systems and retain a contract operator to perform the day to day tasks?

CWC has the financial, managerial and technical capacity to operate a public water system, and has been so determined by the DPH and PURA in numerous dockets related to system acquisitions. The Company would expect to own and operate any new community water systems constructed in its ESA provided they are properly designed and constructed in full compliance with our standards and Section 16-262m of the CGS for small water systems.

4. Please describe your managerial capacity to operate a public water system. What hierarchy is in place to make decisions? How quickly can/will decisions be able to be made during an emergency? Describe your experience with long term planning of infrastructure assets.

Please see response to 3, above.

5. Please describe your financial capacity to operate a public water system. Is capital funding for emergency repairs available? Is there a capital improvement budget available for long term asset replacement? What types of financial resources can be utilized to maintain a system? Is there financing available to retain consultants and contractors to design and implement repairs?

Please see response to 3, above. CWC maintains sufficient capital for emergency repairs, long-term asset maintenance, and infrastructure improvements.

6. If you currently provide public water service, please describe the number and types of complaints received by your utility within your proposed exclusive service areas for the past three years.

In 2013, 2014 and 2015 PURA's Consumer Services Unit received 26, 27 and 27 complaints, respectively. Complaints primarily related to meter testing, billing, termination of service, and general.

7. If you anticipate serving any or all of your proposed exclusive service area via an extension of your existing service area, please describe any water quality or reporting violations incurred over the past two years.

Forest Homes System – 1 TC violation; General Water System – 2 TC violations; Guilford System – 2 monitoring violations; Legend Hill System – 2 reporting violations; London Park System – 1 L&C 90% violation; Redwood Farms System – 1 TC violation; Wellswood Village System – 1 TC violation, 1 reporting violation; Westchester East System – 1 reporting violation; Western System – 1 monitoring violation;

8. If you anticipate serving any or all of your proposed exclusive service area via an extension of your existing service area, and you utilize surface water sources for supply, please describe any potential concerns related to disinfection byproducts that may need to be evaluated with any main extension.

DBP formation potential will be assessed on a case by case basis as main extensions are proposed.

9. If you currently provide public water service in or near your proposed exclusive service area, please describe the type of rate structure utilized within your proposed exclusive service area, and provide the estimated annual cost of water service for a family of four using 109,500 gallons¹ per year.

Rates from service provided off existing systems would match existing rate schedules, as modified by PURA from time to time. (See CWC website www.ctwater.com for current rate schedules.) Rates related to any newly constructed or acquired satellite system would be determined by PURA on a case by case basis.

¹ Calculated at 75 gallons per person per day x 4 people x 365 days in a year.

SECTION H. OTHER CONSIDERATIONS

Please answer the following questions. Attach additional sheets, if necessary.

1. Are you aware of any other municipalities or water utilities who may declare for the same proposed exclusive service area, thereby creating a conflict? If yes, please describe.

As CWC has not completely refined proposed ESA areas, possible conflicts have not been identified at this time.

2. If you answered yes to question 1, have you corresponded with said municipality or utility concerning this potential conflict? In an effort to avoid conflicts, public water systems and municipalities are encouraged to coordinate their efforts in declaring exclusive service areas.

CWC intends to confer with any and all municipalities and/or utilities where potential conflicts arise.

CERTIFICATION

In accordance with the Regulations of Connecticut State Agencies Section 25-33h-1(k)(2), I understand that water utilities are responsible for providing adequate service as requested by consumers and under terms otherwise provided by statute, regulation and ordinance within their exclusive service area boundaries within a reasonable time frame. This may include but not be limited to development of supply sources, main extensions, or satellite management.

Furthermore, I, undersigned below, am presently aware of no reason why the utility represented on this form and any associated attachments would not be capable of providing pure and adequate supply of water to service the proposed exclusive service area in accordance with all applicable regulatory requirements, within a reasonable timeframe of requests by customers, should the proposed exclusive service area boundaries be accepted by the Eastern Water Utility Coordinating Committee and the Connecticut Department of Public Health pursuant to Public Act 85-535, as amended.

Signature of
Duly Authorized Representative:  Date: 12/12/16

Print or Type Name and Title: David L. Radka, Director of Water Resources & Planning

