

Western Region Water Utility Coordinating Committee



June 13, 2017

Ms. Lori Mathieu
Public Health Section Chief
Connecticut Department of Public Health
Drinking Water Section
410 Capitol Avenue, MS #51 WAT
Hartford, CT 06134-0308

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

RE: Final Recommended Exclusive Service Area Boundaries
Western Region WUCC

In accordance with CGS 25-33g, the Western Connecticut Water Utility Coordinating Committee (WUCC) has prepared Final Recommended Exclusive Service Area Boundaries for the Western Connecticut Public Water Supply Management Area. The consultant will provide a copy separate from this letter and an electronic copy will be available on the Western WUCC webpage at <http://www.ct.gov/dph/WUCC>.

Very Truly Yours,


Russel Posthauer
Western Region WUCC Co-Chair


Daniel Lawrence
Western Region WUCC Co-Chair



**Coordinated Water System Plan
Part II: Final Recommended
Exclusive Service Area Boundaries**

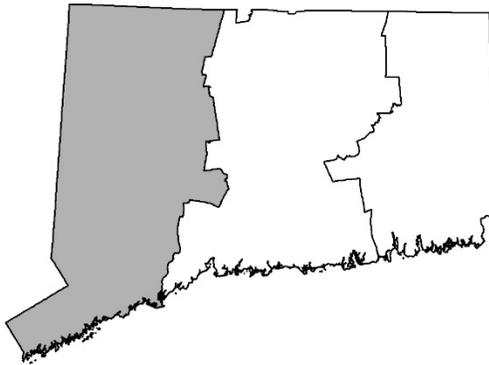
**Western Public Water Supply Management Area
June 13, 2017**



MILONE & MACBROOM[®]

Engineering | Planning | Landscape Architecture | Environmental Science

Coordinated Water System Plan Part II: Final Recommended Exclusive Service Area Boundaries Western Public Water Supply Management Area June 13, 2017



Prepared for:

WESTERN REGION WATER UTILITY
COORDINATING COMMITTEE
c/o The Elected Recording Secretary
555 Main Street, Hartford, CT 06142-0800
[http://www.ct.gov/dph/cwp/view.asp?a=3139
&q=576504](http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576504)

Sponsoring Agency:

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
410 Capitol Avenue
MS #51WAT, P.O. Box 340308
Hartford, CT 06134-0308
(860) 509-7333
<http://www.ct.gov/dph>

Prepared by:

MILONE & MACBROOM, INC.
99 Realty Drive
Cheshire, Connecticut 06410
(203) 271-1773
www.miloneandmacbroom.com

MMI #1017-05-04



NOTICE TO READERS

This document was prepared under a grant from the United States Environmental Protection Agency (EPA) administered by the Connecticut Department of Public Health. Points of view or opinions expressed in this document are those of the Western Water Utility Coordinating Committee and do not necessarily represent the official position or policies of the EPA or the Connecticut Department of Public Health.

ACKNOWLEDGEMENTS

This document could not be completed without the time and dedication of the Water Utility Coordinating Committee (WUCC) Officers and active WUCC membership, defined as those members who attended at least one Western Connecticut WUCC meeting or provided written comments on the Water Supply Assessment process.

Western WUCC Officers

Russell Posthauer Jr., Co-Chair
 Candlewood Springs Property Owners Assn.
 c/o CCA Engineering, LLC
 40 Old New Milford Road, Brookfield, CT 06804
 RussellPosthauer[at]ccaengineering.com

Daniel Lawrence, Co-Chair
 Director of Engineering and Planning
 Aquarion Water Company
 600 Lindley Street, Bridgeport, CT 06606
 DLawrence[at]aquarionwater.com

David Banker, Recording Secretary
 Project Manager, Technical Services
 Metropolitan District Commission
 55 Main Street, Hartford, CT 06142-0800
 DBanker[at]themdc.com

Western WUCC Active Members

Member	Member
Aquarion Water Company	Town of Barkhamsted
Bristol Water Department	Town of Bethel Water Department
Candlewood Springs Property Owners Association	Town of Bethlehem
Connecticut Water Company	Town of Brookfield
Danbury Water Department	Town of New Fairfield
First Taxing District of the City of Norwalk Water Department	Town of Goshen
Metropolitan Council of Governments	Town of New Hartford
Metropolitan District Commission	Town of New Milford
Naugatuck Valley Council of Governments	Town of Newtown
Northwest Hills Council of Governments	Oxford Water Pollution Control Authority
Photronics, Inc.	Waterbury Water Department
South Central Connecticut Regional Water Authority	Watertown Fire District
South Norwalk Electric & Water (Second Taxing District)	Western Connecticut Council of Governments
Southbury Training School	Winsted Water Works
Torrington Water Company	Wolcott Water Department

Other Contributors

The Western Connecticut WUCC also appreciates the time and effort of the numerous nonmembers who have attended at least one meeting and/or contributed valuable insight to this process:

Affiliation	Affiliation
BLT Norwalk	Naugatuck River Revival Group
CDM Smith, Inc.	Pomperaug River Watershed Coalition
Connecticut Department of Energy & Environmental Protection	Rivers Alliance
Connecticut Department of Public Health	Tata & Howard, Inc.
Connecticut General Assembly	Tighe & Bond, Inc.
Connecticut Office of Policy & Management	Town of Kent
Connecticut Public Utilities Regulatory Authority	Town of Litchfield
Fairfield Conservation Department	Town of Thomaston
Farmington River Watershed Association	Wright-Pierce, Inc.

Document Authors

The following representatives of Milone & MacBroom, Inc. contributed to the creation of this document:

David Murphy, P.E., CFM, Associate
Scott Bighinatti, MS, CFM, Lead Environmental Scientist
Jeanine Armstrong Gouin, P.E., Vice President
Matthew Rose, Environmental Scientist

TABLE OF CONTENTS

	<u>Page</u>
Notice to Readers	i
Acknowledgements	ii
Table of Contents.....	iv
Definitions.....	vii
Abbreviations.....	ix
1.0 INTRODUCTION.....	1-1
1.1 Overview of Exclusive Service Area Process	1-1
1.2 Composition of the Western Public Water Supply Management Area	1-2
1.3 Enabling Legislation for Exclusive Service Area Holders	1-5
1.4 Public Comments	1-13
2.0 EXCLUSIVE SERVICE AREA DECLARATION PROCESS.....	2-1
2.1 Regulatory Mandate	2-1
2.2 Summary of the Declaration Process.....	2-2
2.2.1 Former Housatonic Public Water Supply Management Area	2-2
2.2.2 Former South Central Public Water Supply Management Area	2-4
2.2.3 Former Upper Connecticut River Public Water Supply Management Area	2-5
2.2.4 Western Public Water Supply Management Area	2-7
2.3 Confirmation of Recommended Boundaries	2-13
2.4 Undesignated Service Areas	2-13
2.5 Consideration of New Exclusive Service Area Holders for Currently Unserved Areas	2-16
2.5.1 Existing Water Service Area.....	2-16
2.5.2 Land Use Plans, Zoning Regulations, and Growth Trends	2-17
2.5.3 Physical Limitations to Water Service	2-20
2.5.4 Political Boundaries	2-22
2.5.5 Water Company Rights as Established by Statute, Special Act, or Administrative Decisions	2-23
2.5.6 System Hydraulics, Including Potential Elevations or Pressure Zones	2-24
2.5.7 Ability to Provide a Pure and Adequate Supply of Water Now and Into the Future	2-26
2.6 Potential Cost of Water Service to Residential Customers	2-30
3.0 EXCLUSIVE SERVICE AREA RIGHTS AND RESPONSIBILITIES.....	3-1
3.1 Overview of Rights and Responsibilities	3-1
3.2 Specific Rights and Responsibilities of the Exclusive Service Area Holder	3-2
3.3 Overview of the Certificate of Public Convenience and Necessity Process.....	3-5
3.4 Future Coordination Regarding Exclusive Service Area Boundaries.....	3-8

TABLE OF CONTENTS (CONTINUED)

Page

LIST OF TABLES

Table 1-1	Coordinated Water System Plan Components and Schedule.....	1-4
Table 1-2	Western PWSMA Municipalities.....	1-4
Table 1-3	Summary of Enabling Legislation for Utilities and Municipalities Claiming Exclusive Service Areas for Areas Currently Unserved by Public Water Supply	1-6
Table 1-4	Summary of Comments Received on Preliminary ESA Document during Public Comment Period	1-14
Table 2-1	Summary of Milestones in the Exclusive Service Area Delineation Process, 1986-1987	2-2
Table 2-2	Former Housatonic PWSMA Exclusive Service Areas Inherited by Western PWSMA.....	2-3
Table 2-3	Summary of Milestones in the Exclusive Service Area Delineation Process, 1988-1989	2-4
Table 2-4	Former South Central PWSMA Exclusive Service Areas Inherited by Western PWSMA	2-5
Table 2-5	Summary of Milestones in the Exclusive Service Area Delineation Process, 1987-1988	2-6
Table 2-6	Former Upper Connecticut River PWSMA Exclusive Service Areas Inherited by Western PWSMA	2-6
Table 2-7	Summary of Milestones in the Exclusive Service Area Delineation Process, 2016-2017	2-7
Table 2-8	Final Recommended Exclusive Service Area Holders for Western PWSMA.....	2-11
Table 2-9	Potential Annual Cost of Residential Water Service in Currently Unserved Areas, by Town.....	2-30

LIST OF FIGURES

Figure 1-1	Western Region PWSMA	1-3
------------	----------------------------	-----

LIST OF APPENDED FIGURES

Western PWSMA Overview	Appended Figure 1
Statewide Map of ESA Boundaries	Appended Figure 2

TABLE OF CONTENTS (CONTINUED)

LIST OF APPENDICES

WUCC Correspondence and Supplemental Information.....	Appendix A
Summary of ESA Process for Former Housatonic WUCC.....	Appendix B
Summary of ESA Process for Former South Central WUCC.....	Appendix C
Summary of ESA Process for Former Upper Connecticut River WUCC	Appendix D
Statements of Confirmation and ESA Mapping	Appendix E
Public Comments Received on the Preliminary Exclusive Service Area Document	Appendix F

DEFINITIONS

Areawide Supplement – A part of a coordinated water system plan that addresses areawide water system concerns pertaining to the public water supply management area that are not otherwise included in each water company's individual water system plan. The supplement identifies the present and future water system concerns, analyzes alternatives, and sets forth means for meeting those concerns. An areawide supplement consists of a water supply assessment, exclusive service area boundaries, integrated report, and executive summary.

Coordinated Water System Plan – The individual water system plans of each public water system within a public water supply management area, filed pursuant to Section 25-32d of the Connecticut General Statutes, and an areawide supplement to such plans developed pursuant to Connecticut General Statute 25-33h that addresses water system concerns pertaining to the public water supply management area as a whole.

Exclusive Service Area – An area where public water is supplied, or will be supplied, by one system. Exclusive service area boundaries comprise Part 2 of the areawide supplement. As part of the exclusive service area assignment process, all existing public water systems automatically receive an exclusive service area designation for their existing service area, be it the parcel(s) they serve or the area around their existing water mains. Public water systems and municipalities were also requested to declare for the exclusive service area for areas currently unserved by public water systems, which is described in more detail herein.

Exclusive Service Area Designation – The combination of the exclusive service area holder and associated exclusive service area boundaries.

Exclusive Service Area Holder – The utility or municipality that controls the exclusive service area for an area currently unserved by public water service.

Executive Summary – An abbreviated overview of the coordinated water system plan for the public water supply management area that summarizes the major elements of the coordinated water system plan. The Executive Summary comprises Part 4 of the areawide supplement.

Integrated Report – An overview of individual public water systems within the management area that addresses areawide water supply issues, concerns, and needs and promotes cooperation among public water systems. The report comprises Part 3 of the areawide supplement.

Public Water Supply Management Area – An area for coordinated water supply planning determined by the Commissioner of the Department of Public Health to have similar water supply problems and characteristics.

Public Water System – Any private, municipal, or regional utility supplying water for human consumption through pipes or other constructed conveyances to at least 15 service connections or serving an average of at least 25 people daily for at least 60 days per year. Types of regulated public water systems are discussed below:

DEFINITIONS (CONTINUED)

Community Water System (CWS) – A public water system that regularly supplies water to at least 15 service connections or at least 25 of the same population year-round. Examples include residential subdivisions, cluster-housing projects, homeowners associations, municipalities, tax districts, apartment buildings or complexes, residential and office condominium developments, elderly housing projects, convalescent homes, and trailer or mobile home parks.

Non-Community Water System – A public water system that serves at least 25 persons at least 60 days per year and is not a Community or seasonal water system.

Non-Transient Non-Community (NTNC) Water System – A public water system that regularly supplies water to at least 25 of the same people over 6 months per year and is not a Community Water System. Some examples are schools, factories, office buildings, and hospitals that have their own water systems.

Seasonal Water System – A public water system that operates on a seasonal basis for 6 months of the year or fewer. These are typically regulated as Non-Transient Non-Community Water Systems - unless sufficient service is available to meet the definition of a Community Water System - and often include campgrounds and shorefront communities.

Transient Non-Community (TNC) Water System – Any Non-Community Water System that does not meet the definition of a Non-Transient Non-Community Water System. It is a public water system that provides water in a place such as a gas station or campground where people do not remain for long periods of time.

Satellite Management – Management of a public water supply system by another public water system. Satellite management services may include operation, maintenance, administration, emergency and scheduled repairs, monitoring and reporting, billing, operator training, and the purchase of supplies and equipment.

Satellite System – A non-connected community water system of an existing system. Colloquially, a non-connected community or non-community public water system owned by a public water service provider.

Water Supply Assessment – An evaluation of water supply conditions and problems within the public water supply management area. The evaluation is Part 1 of the areawide supplement.

Water Utility Coordinating Committee – A committee consisting of one representative from each public water system with a source of supply or service area within the public water supply management area and one representative from each regional planning agency within the public water supply management area, elected by majority vote of the chief elected officials of the municipalities that are members of such regional planning agency.

ABBREVIATIONS

AWC	Aquarion Water Company
CGS	Connecticut General Statute(s)
CPCN	Certificate of Public Convenience and Necessity
CWC	Connecticut Water Company
CWS	Community Water System
DEEP	Department of Energy & Environmental Protection
DPH	Department of Public Health
EPA	Environmental Protection Agency
ESA	Exclusive Service Area
MetroCOG	Metropolitan Council of Governments
MMI	Milone & MacBroom, Inc.
NHCOG	Northwest Hills Council of Governments
NTNC	Non-Transient Non-Community
NVCOG	Naugatuck Valley Council of Governments
OPM	Office of Policy and Management
POCD	Plan of Conservation and Development
PURA	Public Utilities Regulatory Authority
PWSMA	Public Water Supply Management Area
RCSA	Regulations of Connecticut State Agencies
SCCRWA	South Central Connecticut Regional Water Authority
TNC	Transient Non-Community
WestCOG	Western Connecticut Council of Governments
WPCA	Water Pollution Control Authority
WSP	Water Supply Plan
WUCC	Water Utility Coordinating Committee



1.0 INTRODUCTION

1.1 Overview of Exclusive Service Area Process

The Coordinated Water System Plan for the Western Public Water Supply Management Area (PWSMA) in Connecticut is comprised of the individual water supply plans (WSPs) of the public water systems within the PWSMA that serve over 1,000 people or have 250 or more service connections, and an areawide supplement that includes a Water Supply Assessment (WSA), delineation of Exclusive Service Area (ESA) boundaries, an integrated report, and an executive summary. The subject document, *Final Recommended Exclusive Service Area Boundaries*, is the second of four components of the areawide supplement and presents the results of the ESA designation process for the Western PWSMA. For an overview of the full planning process, please refer to Section 1 of the *Final Water Supply Assessment* (WSA) dated December 2016 for the Western PWSMA, which is hosted on the Connecticut Department of Public Health (DPH) website. The subject document and the Final WSA were prepared by Milone & MacBroom, Inc. (MMI) in coordination with the Western WUCC.

An ESA is defined as an area where public water is supplied by one system. Numerous factors are considered in determining ESA designations in accordance with the regulations, including the following:

- Existing service areas;
- Land use plans, zoning regulations, and growth trends;
- Physical limitations to water service;
- Political boundaries;
- Water company rights as established by statute, special act, or administrative decision;
- System hydraulics, including potential elevations or pressure zones; and
- Ability of a water system to provide a pure and adequate supply of water now and into the future.

The subject document focuses on those utilities and municipalities that have been approved by the Western WUCC as final recommended ESA holders for areas currently unserved by public water service.

Establishment of boundaries for ESA holders is intended to ensure that safe and adequate drinking water is available to areas of the state where public water supply is needed. ESA designations are established based on the regulatory criteria noted above and are based upon the agreement by a utility or municipality to serve, as necessary, previously identified unserved areas in accordance with applicable state statutes and regulations. Existing service areas (i.e., areas where service is currently being provided) were maintained and automatically received ESA designations via the delineation process. As part of this process, each public water system and municipality in the Western PWSMA was provided the opportunity to request ESA designations beyond their existing system boundaries that cover areas currently unserved by public water supply.

The Western PWSMA inherited the final recommended ESA designations established under Connecticut General Statutes (CGS) Section 25-33g by the former Housatonic WUCC, former South Central WUCC, and former Upper Connecticut River WUCC. These ESA designations were finalized in December 1987, June 1989, and May 24, 1988, respectively and were submitted to DPH as part of the respective coordinated water system plan for the associated PWSMA. In some cases, modifications were approved

by the respective WUCCs prior to the delineation of the former public water supply management areas into the Western PWSMA in 2014. These modifications are incorporated into this document.

The former Northwestern Connecticut WUCC and former Southwestern Connecticut WUCC never convened; therefore ESA boundaries were not delineated in the municipalities comprising these former areas. In addition, the former Housatonic WUCC and former Upper Connecticut River WUCC left certain areas without ESA designations (i.e., unassigned). Notice of the ESA Declaration Process for these portions of the region were sent to Western WUCC members, consulting state agencies, municipal officials, and interested persons. A copy of such notice is included in Appendix A.

Being an ESA holder is a commitment to ownership and service for newly constructed public water supply needs for community water systems (essentially, residential public water supply needs), and, in general, a right-of-first-refusal for non-community water systems (nonresidential) public water supply needs. An ESA designation therefore conveys both a right and a responsibility to provide public water service pursuant to applicable state law.

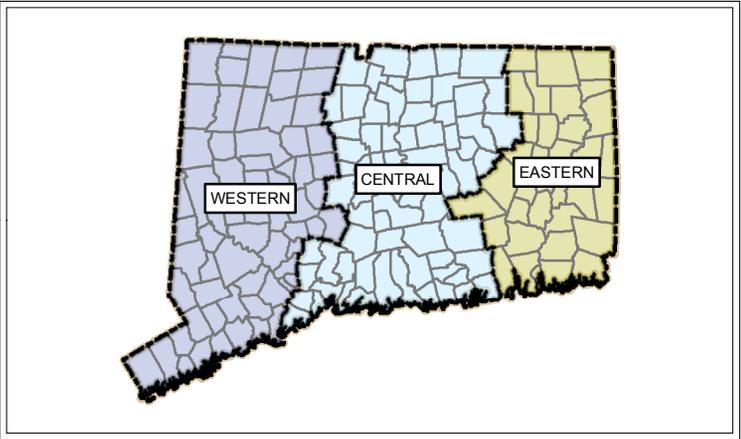
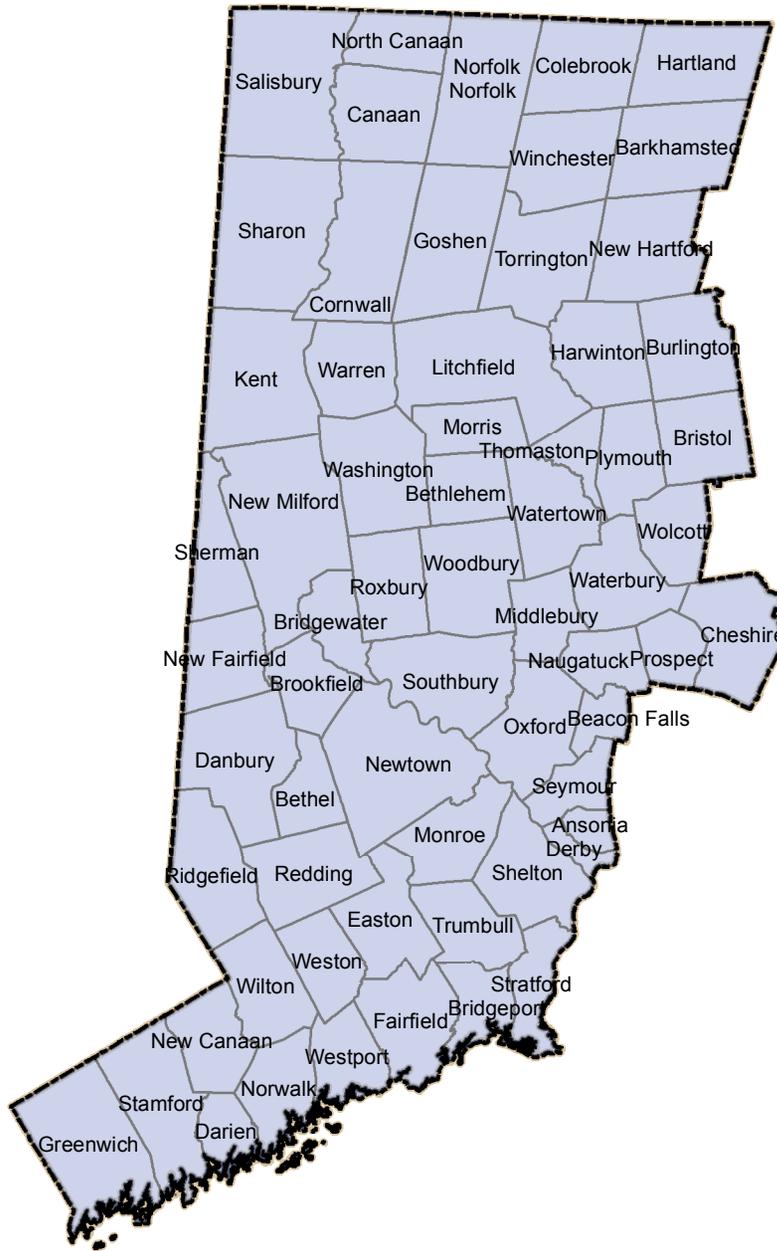
1.2 Composition of the Western Public Water Supply Management Area

Pursuant to Public Act 85-535 and Section 25-33e of the Connecticut General Statutes (CGS), the boundaries of seven Public Water Supply Management Areas (PWSMAs) were delineated in 1986 based upon the similarity of water supply issues, population density and distribution, existing sources of public water supply, service areas or franchise areas, existing interconnections between public water systems, municipal and regional planning agency boundaries, natural drainage basins, and similar topographic and geologic characteristics.

The number of PWSMAs was consolidated from seven to three in October 2014. The boundaries of the Western, Central, and Eastern PWSMAs are shown on Figure 1-1. Each PWSMA boundary is consistent with the recently realigned regional planning agency boundaries completed by the Connecticut Office of Policy and Management (OPM). The WUCC representing each PWSMA convened on the following schedule with the goal of developing new coordinated water system plans as presented in Table 1-1:

- The Western Connecticut WUCC convened on June 14, 2016.
- The Central Corridor WUCC convened on June 15, 2016.
- The Eastern Connecticut WUCC convened on June 17, 2016.

In many areas of the Western PWSMA, ESA holders maintain ESA designations in rural or sparsely developed areas. Although an ESA holder is designated, actual development and need for public water service are supported by the direction set by local land use planning and zoning; state, regional, and local development goals; and other relevant issues; as well as the impacts that such land use and development goals have on protecting water resources, timely water service, water quality, economically priced water, and strong professional management of public water supply systems. Municipalities retain their ability to provide guidance for development within their borders through their local government structure and planning documents, such as municipal plans of conservation and development), ordinances, and other regulations. It is the desire of the Western WUCC that local land use planners will make use of the information in the Coordinated Water System Plan when making long-term planning decisions.



KEY MAP: WUCC BOUNDARY
SCALE: N.T.S

LEGEND

WUCC REGION

- Central Connecticut
- Eastern Connecticut
- Western Connecticut
- WUCC Boundary

SOURCE(S):
 CT DPH 2016



Figure 1-1: WESTERN REGION PWSMA

**RECOMMENDED
 EXCLUSIVE SERVICE AREA
 BOUNDARIES**

LOCATION: STATE OF CONNECTICUT

Map By: SJB
 MMI#: 1017-05-04
 Original: 6/16/2016
 Revision: 3/3/2017
 Scale: 1 in = 60,000 ft



MILONE & MACBROOM
 99 Realty Drive Cheshire, CT 06410
 (203) 271-1773 Fax: (203) 272-9733
www.miloneandmacbroom.com

TABLE 1-1
Coordinated Water System Plan Components and Schedule

Component	Schedule from Convening of Western WUCC	Due Date
A. Individual Water Supply Plans	Not Applicable	Not Applicable
B. Areawide Supplement (Four Parts)	Within 24 Months	June 14, 2018
Part 1: Water Supply Assessment	Within 6 Months	December 14, 2016
Part 2: Exclusive Service Area Declaration	Within 12 months	June 14, 2017
Part 3: Integrated Report	Within 24 Months	June 14, 2018
Part 4: Executive Summary	Within 24 Months	June 14, 2018

The Western PWSMA contains all of the municipalities that are included within the boundaries of the MetroCOG, NHCOG, NVCOG, and WestCOG regional planning organizations. The boundaries of the PWSMA are generally defined by the Massachusetts state boundary to the north, the New York state boundary to the west, the boundary of the Central PWSMA to the east, and Long Island Sound to the south. The municipalities within the Western PWSMA are listed in Table 1-2, with municipalities along the eastern boundary called out with an asterisk as these communities may coordinate on water supply issues with municipalities or utilities in the Central PWSMA. In total, the Western PWSMA comprises 64 municipalities.

TABLE 1-2
Western PWSMA Municipalities

Western PWSMA Municipalities			
Ansonia*	Derby*	New Milford	Southbury
Barkhamsted*	Easton	Newtown	Stamford
Beacon Falls*	Fairfield	Norfolk	Stratford*
Bethel	Goshen	North Canaan	Thomaston
Bethlehem	Greenwich	Norwalk	Torrington
Bridgeport	Hartland*	Oxford	Trumbull
Bridgewater	Harwinton	Plymouth	Warren
Bristol*	Kent	Prospect*	Washington
Brookfield	Litchfield	Redding	Waterbury
Burlington*	Middlebury	Ridgefield	Watertown
Canaan	Monroe	Roxbury	Weston
Cheshire*	Morris	Salisbury	Westport
Colebrook	Naugatuck	Seymour*	Wilton
Cornwall	New Canaan	Sharon	Winchester
Danbury	New Fairfield	Shelton*	Wolcott*
Darien	New Hartford*	Sherman	Woodbury

*Denotes municipality that is on the border with the Central PWSMA

The Western Connecticut PWSMA consists of 924 public water systems. Of these:

- 183 are regulated as Community Water Systems (CWSs).
- 196 are regulated as Non-Transient Non-Community (NTNC) water systems.
- 545 are regulated as Transient Non-Community (TNC) water systems.

Per statute, the Western WUCC is comprised of one representative from each public water system with a source of water supply or a service area within the Western PWSMA and one representative from each regional council of governments within the Western PWSMA. Per regulation, sources of supply within a PWSMA include reservoirs, wells, other water bodies, and associated watershed land; service area includes areas where a public water system currently provides service or has the authority to provide service as determined by legal rights, legislative franchises, municipal charters, or interlocal agreements for the sale of water.

Many Western WUCC members own and/or operate more than one system. Based on the bylaws and work plan developed by the Western WUCC, each utility that is an eligible WUCC member (not each public water system) will have one vote for those matters requiring votes. This prevents any one utility from dominating the WUCC process by virtue of owning multiple systems within the PWSMA. In total, there are currently 743 recognized members of the Western WUCC, including public water utility representatives, municipalities who operate public water systems, and four regional planning agencies. Refer to Appendix B of the *Final Water Supply Assessment* dated December 2016 for a listing of members of the Western WUCC.

Pursuant to Paragraph (d)(2)(B) of Section 25-33h-1 of the Regulations Concerning Coordinated Water System Plans, "the WUCC shall prepare preliminary and then final exclusive service area boundaries." As noted in Table 1-1, the *Preliminary Exclusive Service Area Boundaries* must be completed within 9 months of the convening of the Western WUCC, and the *Final Exclusive Service Area Boundaries* must be completed within 1 year of the convening of the WUCC.

1.3 Enabling Legislation for Exclusive Service Area Holders

Appended Figure 1 delineates existing service areas within the region. Non-Community water systems are typically limited in geographic extent and are denoted by a point. Community water system (CWS) boundaries were determined based upon individual WSP mapping, legal documents, and information from CWSs.

Table 1-3 identifies the enabling legislation for each utility and municipality in the region that have been assigned an ESA for areas currently unserved by public water supply. Where available, the reference for the original act of the General Assembly or associated special act is provided. The information that follows has been gathered from a variety of sources through the assistance of system representatives as well as staff of the various town offices.

Generally, the various acts and subsequent charters provide a public water system with the authority to purchase, sell, and distribute water; this often includes the ability to purchase and sell systems. As such, public water systems in the region have historically been involved in mergers, sales, and purchases with other public water systems. In many cases, this has altered the specific geographic area that a system may service through the combination of areas under one public water system name.

TABLE 1-3
Summary of Enabling Legislation for Utilities and Municipalities
Claiming Exclusive Service Areas for Areas Currently Unserved by Public Water Supply

Community Water System	General ESA Description ^A	Charter Service Area	Enabling Legislation Reference
Aquarion Water Company	Beacon Falls (except northwestern and northeastern areas), southeastern Oxford, Seymour (except small southern area)	Seymour and vicinity	Special Act 265, May 25, 1895
	Bethel (northern), Bethlehem (except downtown area); Bridgewater, Brookfield, Cornwall (part), Middlebury, New Fairfield (downtown), Roxbury, Washington (parts), Weston, Wilton	None	CGS 16-262m
	Bridgeport, Easton, Monroe, Redding, Shelton, Stratford, Trumbull, Westport	Bridgeport, Shelton, Westport, Stratford, Trumbull, Easton, Monroe, Georgetown section of Redding	Special Act, June 26, 1857, as amended; Special Act 156, April 13, 1917; Special Act 260, April 29, 1931; Special Act 63, May 12, 1961; Special Act 188, May 27, 1965; Special Act 91-29, June 13, 1991; Merger with Seymour Water Company, January 2, 1974
	Darien, Fairfield, Greenwich, New Canaan, Stamford	Darien, Fairfield, Greenwich, City of Stamford and vicinity; Glenbrook; parts of Norwalk; New Canaan; Westchester County, NY	Special Act, March 15, 1943; Special Act 386, May 19, 1915; Special Act 111, April 21, 1903; Special Act 381, June 4, 1901; Special Act – Original Charter of Greenwich Water Company, March 24, 1880, as amended; Special Act 340, June 10, 1925; Special Acts 337, 405, and 407, 1927; Special Act 42, September 22, 1955; Special Act 82, April 2, 1901
	Kent (part)	Kent	Incorporating the Kent Water Company, Substitute for House Bill No. 176, Special Act 171, April 14, 1881
	Litchfield (central)	Litchfield, Torrington, Goshen	Special Act 401 – Litchfield Water Company, June 11, 1889; Merger with Litchfield County Water Company, May 31, 1983
	New Fairfield ^B (except downtown area), Sherman ^B	Part of northern New Fairfield and southern Sherman	Amended and Restated Special Act (PURA Docket No. 790403) for Timber Trails Water Authority
	New Milford	New Milford	Special Laws of Connecticut, May 1, 1873; Substitute for Joint House Resolution No. 391, January 1905; Special Laws (74) - Substitute Joint House Resolution No. 83, June 17, 1873
	Newtown	Newtown	Charter of Newtown Water Company

TABLE 1-3
Summary of Enabling Legislation for Utilities and Municipalities
Claiming Exclusive Service Areas for Areas Currently Unserved by Public Water Supply

Community Water System	General ESA Description ^A	Charter Service Area	Enabling Legislation Reference
Aquarion Water Company (Continued)	Norfolk	Norfolk	Merger with Litchfield County Water Company, May 31, 1983
	North Canaan	North Canaan	Merger with Litchfield County Water Company, May 31, 1983
	Ridgefield	Ridgefield	House Joint Resolution 206, January 1, 1893; PURA Docket No. 9835, September 30, 1959
	Salisbury (part)	Lakeville and vicinity	Merger with Litchfield County Water Company, May 31, 1983
	Woodbury, except northeastern corner	Woodbury	House Joint Resolution 38, January 1, 1893; PURA Docket 9262, February 23, 1956
Bethel Water Department	Central and southern Bethel	Bethel, Redding, parts of southern Danbury	Special Laws, January 1, 1878; CGS 7-234
Bethlehem, Town of	Central Bethlehem	Bethlehem	CGS 7-234
Bristol Water Department	Bristol and southern Burlington	Bristol	CGS 7-234; Bristol City Charter, City Ordinances, and Rules and Regulations of the Bristol Water Department Section 48, October 14, 2008
Connecticut Water Company	Northeastern and northwestern Beacon Falls, Naugatuck, northeastern Oxford,	All of Connecticut	Incorporating the Naugatuck Water Company, May 19, 1887, as amended
	Northeastern and southeastern Burlington, southern Harwinton, southeastern New Hartford, Middlebury, Plymouth, Prospect, Thomaston	All of Connecticut	House Bill No. 1087 / Senate Bill 455 – An Act Incorporating the Connecticut Water and Gas Company, July 23, 1945
Danbury Water Department	Danbury	Danbury	CGS 7-234; Special Laws 205, (Substitute for House Bill 20), January 1889, as amended; Resolve Incorporating the Danbury Water Company May, 1834
First Taxing District of the City of Norwalk Water Department	Norwalk (primarily eastern and some of northwestern)	Norwalk and vicinity	Special Act, 1913, as amended
Goshen, Town of	Goshen	Goshen	CGS-7-234
Heritage Village Water Company	Northwestern Oxford, Southbury	Southbury, Middlebury, Oxford	Substitute for House Bill No. 7426, Special Act 110, January 1, 1969; House Bill No. 5808, May 1974
Morris, Town of	Morris	Morris	CGS-7-234

TABLE 1-3
Summary of Enabling Legislation for Utilities and Municipalities
Claiming Exclusive Service Areas for Areas Currently Unserved by Public Water Supply

Community Water System	General ESA Description ^A	Charter Service Area	Enabling Legislation Reference
New Fairfield, Town of	Downtown New Fairfield	New Fairfield	CGS 7-234
New Hartford, Town of	All of town except southwestern and southeastern areas	New Hartford	CGS 7-234; Municipal Ordinance
SCCRWA	Ansonia, Cheshire, Derby, part of southern Seymour	Ansonia, Derby, part of Seymour, Cheshire, Wolcott, Prospect	An act incorporating the New Haven Water Company, 1849, as amended; Special Act 77-98, 1977, as amended; Special Act 84-46, January 16, 2008; Special Charter – Ansonia Derby Water Company, July 1, 1864, as amended
Sharon, Town of	Sharon near existing system	Sharon	Incorporation of Sharon Water Company, 1881; CGS 7-234
South Norwalk Electric & Water (Second Taxing District City Of Norwalk)	Norwalk (primarily western and some northwestern)	Norwalk and vicinity	Charter, 1875, as amended; Special Act, 1913, as amended
Torrington Water Company	Burlington (except for eastern edge and southern part), central and northern Harwinton, southwestern New Hartford, Torrington	Torrington and adjoining towns	Incorporation of the Wolcottville Water Company, July 11, 1873, as amended
Waterbury Water Department	Waterbury	Waterbury and reservoir source municipalities and contiguous municipalities	CGS 7-234; Incorporation of the Waterbury Water Company, Private Laws, May 1859, as amended; Special Act 252 of 1893, as amended
Watertown Fire District	Northwestern Woodbury	Watertown and contiguous towns	Special Act 212, House Bill 354, Private Acts Volume 16, May 22, 1913, as amended
Winsted Water Works	Small area of western Barkhamsted, Winchester	Winchester	Special Act, June 23, 1860
Wolcott Water Department	Wolcott	Wolcott	CGS 7-234; Town Ordinance, August 4, 1966

Source: Individual water supply plans, specific legislative and municipal documents, and/or personal communications

A. Except for areas served by other public water systems

The majority of the enabling legislation for the larger water systems falls under a special act or municipal charter, some of which date back to the 1800s. Municipal charters are also commonly used for establishing water servicing rights for municipalities. However, such as in the case of the Watertown

Water & Sewer Authority, one or more organizations may have been superseded by the current charter. In the case of Watertown Water & Sewer Authority, the initial water service areas were granted to the Oakdale Fire District and purchased by the town in 1970.

The former Housatonic WUCC discussed at length the question of whether a legislatively established franchise area would take precedence over a designated ESA established as part of a coordinated water system plan. The general consensus was that since both are legislatively established and the ESA must be approved by the appropriately designated public agency (the WUCC) and regulatory body (DPH), the ESA designations would take precedence. The former Housatonic WUCC asked DPH at the time to request the Attorney General's office to render a legal opinion on the matter. Due to the uniqueness of each franchise and the potential for conflict over rights to an ESA, the Attorney General determined that any conflicts must be handled on a case-by-case basis. In the case of a conflict between two utilities or entities, the former Housatonic WUCC recommended that the PURA docket process be used to effectively resolve the conflict as provided for in the ESA statute. This recommendation is consistent with the statutes and regulations requiring unresolved conflicts to be forwarded to PURA.

CGS 7-234, as passed in 1967, reaffirmed the authority of municipalities to provide water service and further established that any town, city, borough, or district organized for municipal purposes may acquire, construct, and operate a water system where there are no existing private waterworks systems or where private owners of existing systems are willing to sell. Based on this statute, municipalities have been allowed to claim ESA Boundaries even if they do not own or operate public water systems (and therefore were not WUCC members). Additionally, CGS 7-148(c)(4)(G) empowers municipalities to provide for the furnishing of water, by contract or otherwise.

In 1981, Public Act 81-427 (CGS 16-262m) was passed, providing construction specifications for CWSs, including the requirement to obtain a Certificate of Public Convenience and Necessity (CPCN) for any construction or expansion of a water supply system. This certificate process was revised in 1984 to provide the opportunity for DPH to participate in the process. Public Act 98-250 amended the law to cover both community and non-community public water systems. The CPCN process was most recently revised through Public Act 16-197 to have DPH govern the process with minimal involvement from the Public Utilities Regulatory Authority (PURA). The majority of CWSs were created prior to 1984 and therefore predate the act.

The following discussion provides a summary of the enabling legislation for the public water utilities and municipalities in the Western PWSMA that have claimed ESA boundaries in areas currently unserved by public water supply. The information for the descriptions was gained from review of the individual sources referenced and has been taken, in part or in whole, from such sources. Greater detail may be found by examining the cited legislation and documents.

Aquarion Water Company

Although the Aquarion Water Company (AWC) itself does not have any Special Acts of the Connecticut General Assembly authorizing it to provide water service to certain franchise areas, AWC has acquired numerous other utilities who have been granted franchise areas and/or purchased the franchise rights from still other earlier utilities. Table 1-3 presents the applicable Special Acts applicable to Aquarion Water Company as grouped by franchise area. See the Aquarion Water Company declaration form on the Western WUCC website for a series of tables of amendments authorizing AWC to serve water throughout the Western PWSMA.

Based on these Acts, AWC is generally charged with supplying pure water for public, domestic, and other uses including ownership, purchase, receipt, possession, and enjoyment of lands, rents, tenements, goods, chattels, and effects necessary. The company may also sell, convey, and dispose of such properties. In so doing, the company may open ground for purposes of extension, maintenance, and repair of pipes or conduits for such water service and distribution in the vicinity of the areas previously specified.

Authorization is also generally provided for the company to construct, maintain, and repair such reservoirs, canals, and aqueducts as well as to take and use the water of any springs, streams, or other waters, and construct, as necessary. The company may take and hold real estate or easements for such water provision. The Acts also outline various financial and business aspects.

There are no known statutes or special acts that provide special privilege to the AWC to provide service to northern Bethel, Bethlehem, Bridgewater, Brookfield, Cornwall, Middlebury, New Fairfield (downtown area), Roxbury, Washington, Weston, or Wilton. There are, however, administrative decisions by PURA that authorize service in northern Bethel, Brookfield, Cornwall, Middlebury, and Washington related to the purchase and/or takeover of other large water systems and small satellite systems. AWC will provide service to other systems developed under the CPCN process and/or systems that were created prior to CGS 16-262m.

Bethel Water Department

Authorization for supply of water within Bethel is provided via CGS 7-234 referenced above as well as in a Special Act dated January 1, 1878. As a political subdivision of the State of Connecticut, the Town of Bethel is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). The 1878 Special Act designates that the Bethel Water Department may take and use water within the limits of the towns of Bethel, Redding, and southern Danbury to distribute into the borough of Bethel. Chapter C7-11 of the Town Charter establishes a Public Utilities commission to oversee the water system, replacing the previous Sewer and Water Commission. Chapter 110 of the Town Code adopted July 12, 1965 builds upon the enabling statute and Special Act by prohibiting certain uses of water to encourage conservation and define assessment charges for the water system.

Bethlehem, Town of

As a political subdivision of the State of Connecticut, the Town of Bethlehem is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

Bristol Water Department

The Bristol Water Department was purchased by the City of Bristol from a private corporation in 1913. Section 48 of the City Charter authorizes the city to establish and maintain a water system in Bristol and authorizes the city to construct, repair, and maintain any such reservoirs within Harwinton, Plymouth, and Bristol as may be necessary to provide such water. The Charter also authorizes a Board of Water Commissioners to oversee the system and a Superintendent to oversee operation by appointment by the Mayor. Article IV, Sections 22-88 through 22-93 of the City ordinances provide additional regulations.

Connecticut Water Company

The enabling legislation for Connecticut Water Company (CWC) is an Act of the Connecticut General Assembly No. 342 (Senate Bill 455), "An Act Incorporating the Connecticut Water and Gas Company" dated July 23, 1945, later amended by an Act of the Connecticut General Assembly No. 325 (House Bill No. 1087) dated May 22, 1957. The company is authorized to acquire, lease, purchase, or otherwise hold, own, use, exercise, enjoy, and dispose of whole or any part water properties, rights, securities, and franchises of any private or municipal corporation authorized to sell, supply, and distribute water in any town in the State of Connecticut. Upon acquisition of such properties and franchises, the company is authorized the same privileges for administering these properties and franchises as if these rights, franchises, and immunities had been originally established for the company. CWC is authorized to open ground and issue bonds or other certificates. A board of not less than three directors chosen by the stockholders is empowered to govern and provide guidance on the administration of the company.

Special Act No. 325 provided the current-day CWC its origins and the authorization to consolidate or merge with any corporation organized for similar purposes under the general or special laws of Connecticut. Therefore, all CWC systems fall under the above Special Acts. As such, many instances of company consolidation and merging have occurred throughout company history providing for an extended area of service based on both original chartered areas and the above Special Acts. In the Western PWSMA, these consolidation areas include the Special Act originally authorizing the Naugatuck Water Company dated May 19, 1887.

Danbury Water Department

The Danbury Water Department was formed in 1834 to serve the borough of Danbury. Special Laws No. 205 (Substitute for House Bill No. 20) of January 1889 authorized the water department to take and use the water within the limits of the town of Danbury and to hold, convey, and distribute into and through the city. Section 6-7 of the City Charter places oversight of the municipal water system under the Department of Public Works under a Superintendent of Public Utilities.

First Taxing District of the City of Norwalk

The First Taxing District was originally founded as the Borough of Norwalk in 1870. A Special Act in 1913 created and authorized the First Taxing District to take and bring water into Norwalk for public water supply, and established a Board of Commissioners to oversee the system.

Goshen, Town of

As a political subdivision of the State of Connecticut, the Town of Goshen is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

Heritage Village Water Company

Heritage Village Water Company was authorized by Special Act (Substitute for House Bill No. 7429, January 1969) to provide water service to the towns of Southbury and Middlebury. House Bill No. 5808 of May 1974 authorized water service to Oxford.

Morris, Town of

As a political subdivision of the State of Connecticut, the Town of Morris is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

New Fairfield, Town of

As a political subdivision of the State of Connecticut, the Town of New Fairfield is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). Chapter 17 of the Town Code establishes a WPCA and authorizes expansion and extension of the municipal water supply system.

New Hartford, Town of

As a political subdivision of the State of Connecticut, the Town of New Hartford is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). By municipal ordinance, the water system is overseen by the WPCA.

Sharon, Town of

The Town of Sharon acquired the Sharon Water Company in 1972. The Sharon Water Company was originally incorporated in 1881, likely by Special Act. As a political subdivision of the State of Connecticut, the Town of Sharon is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). By vote of Town Meeting in 1972, the water system is overseen by the Sewer and Water Commission.

South Central Connecticut Regional Water Authority

SCCRWA is authorized to provide water service to Cheshire based on Special Act 77-98 of 1977 which established the SCCRWA franchise area. The Special Charter for the Ansonia – Derby Water Company dated July 1, 1864 authorizes SCCRWA to provide water service to Ansonia, Derby, and the southern portion of Seymour.

South Norwalk Electric and Water

South Norwalk Electric and Water, also known as the Second Taxing District, was founded by Special Act in 1913 to take and bring water into Norwalk for public water supply, and established a Board of Commissioners to oversee the system.

Torrington Water Company

The Torrington Water Company was originally chartered as a franchise granted to the Wolcottville Water Company by the Connecticut State Legislature on July 11, 1873, as amended, authorizing the company to take water from Torrington and the adjoining towns, and to convey to points in the village of Wolcottville. The Torrington Water Company was authorized by Special Act 21, House Joint Resolution No. 37 approved February 22, 1882, as amended, which changed the name of Wolcottville Water Company and authorized the company to take water "within Torrington and adjoining towns" and to convey "water to such points as they may desire in or near the village or Torrington." Senate Joint Resolution No. 46, Special Act No. 62 approved April 14, 1909 authorized service to Harwinton and

authorized the company to construct, repair, and maintain a dam or dams in southern Norfolk for the protection, preservation, and conservation of the waters of North Pond in Goshen.

Waterbury Water Department

A special act of the State Legislature in May 1859 authorized the city to provide water service. Special Act 252 of 1893, as amended, authorized the City of Waterbury to take and convey, any and all brooks, rivers, springs, ponds, lakes, and reservoirs within the limits of New Haven County or Litchfield County (except for Bantam Lake and its tributaries and the waters of the Naugatuck River northerly of the southerly borough line of the Borough of Torrington) to supply the city. As a political subdivision of the State of Connecticut, the City of Waterbury is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). Chapter 31 of the City Charter places oversight of the municipal water system under the general control of the Board of Public Works with day to day supervision under a Superintendent of Water. Section 3181(c) of the City Charter authorizes the mayor and a majority of its alderman to authorize the city to "contract to supply water for domestic purposes and fire protection to any municipality, borough, or fire district, through which, or contiguous to which, the water supply mains of said city are or shall be laid, or in which its reservoir or reservoirs are located".

Watertown Fire District

The Watertown Fire District was established by Special Act No. 212 (House Bill No. 354) dated May 22, 1913 and its amendments. The 1913 Special Act authorized Watertown Fire District to operate a water system within the district, as well as outside of the district within Watertown or in any adjacent town.

Winsted Water Works

Winsted Water Works was created by a Special Act of the Connecticut State Legislature on June 23, 1860, locally approved on June 30, 1860. The Special Act authorized the Borough of Winsted to take water from Long Lake (so called) and/or Little Pond in Winchester, to raise the water four feet, and to divert other streams into the lake or pond, and to convey the water into and through the borough.

Wolcott Water Department

As a political subdivision of the State of Connecticut, the Town of Wolcott is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). By municipal ordinance dated August 4, 1966, the water system is overseen by the Sewer and Water Commission.

1.4 Public Comments

A Preliminary Exclusive Service Area Document for the Western Connecticut PWSMA was issued for public comment on March 22, 2017, as required by statute, with comments accepted through April 22, 2017. The list of comments received during the public comment period is presented in Table 1-4, with written comments presented in Appendix F along with a summary table indicating how and where edits were made to address the comments.

TABLE 1-4
Summary of Comments Received on Preliminary ESA Document
during Public Comment Period

Date	Commenter	Main Points
4/3/2017	Connecticut DEEP	<ul style="list-style-type: none"> ▪ Thanked Western WUCC for recognizing the Department's rights and providing sufficient information regarding the Department's lands for future water supply planning activities by ESA holders, and for showing DEEP lands on ESA mapping ▪ Encouraged the Western WUCC to finalize the same designation of Department lands, map notes, and textual summary in the final ESA plan
4/10/2017	Aquarion Water Company	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Maps 15 & 17 ▪ Requested corrections to existing service area for East Derby system on ESA Map 17
4/11/2017	Connecticut DPH	<ul style="list-style-type: none"> ▪ Acknowledged that all components in RCSA Section 25-33h-1(d)(B) have been included ▪ Requested that ESAs be established in Watertown ▪ Requested that the Western WUCC continue to work with local officials
4/19/2017	City of Danbury (via Tata & Howard)	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Map 15
4/19/2017	City of Norwalk First Taxing District Water Department	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Maps 30 & 61
4/28/2017 (After Comment Period)	Town of Weston / WestCOG	<ul style="list-style-type: none"> ▪ Requested legend updates to ESA Map 59 for Weston & other ESA maps



2.0 EXCLUSIVE SERVICE AREA DECLARATION PROCESS

2.1 Regulatory Mandate

Pursuant to Paragraph (d)(2)(B) of Section 25-33h-1 of the Regulations of Connecticut State Agencies (RCSA), "the WUCC shall prepare preliminary and then final exclusive service area boundaries" for the Western PWSMA. In addition, the section states the following:

- (i) In establishing ESAs, the WUCC shall:
 - aa. Allow utilities to maintain existing service areas;
 - bb. Not leave areas as un-serviced islands, unless it can be demonstrated that there is not and will be no future need for public water service; and
 - cc. Not allow new service areas or main extensions which create duplication or overlap of services.
- (ii) The following factors shall be utilized in determining ESA boundaries:
 - aa. Existing water service area
 - bb. Land use plans, zoning regulations, and growth trends;
 - cc. Physical limitations to water service;
 - dd. Political boundaries;
 - ee. Water company rights as established by statute, special act, or administrative decisions;
 - ff. System hydraulics, including potential elevations or pressure zones; and
 - gg. Ability of a water system to provide a pure and adequate supply of water now and into the future.
- (iii) A plan for exclusive service areas within the public water supply management area shall be developed, including:
 - aa. A map or maps at a scale of 1:50,000 depicting existing and future service areas within the exclusive service area boundaries.
 - bb. A reference list of exclusive service area or supply agreements between public water systems or localities, including charter or enabling act revisions as applicable and a brief description of terms of agreement including dates and length of agreement.
 - cc. Description of future service area boundaries.

Accordingly, the Western WUCC has established preliminary ESA boundaries and then final ESA boundaries as outlined in this document based on the above requirements.

Note that the Western WUCC has inherited the Final Recommended ESA boundaries established by the former Housatonic WUCC, former South Central WUCC, and former Upper Connecticut River WUCC. The previous Final Recommended ESA boundaries, as amended, have been carried forward by the Western WUCC herein for approval by DPH.

2.2 Summary of the Declaration Process

Final Recommended ESA boundaries were delineated in portions of the former Housatonic PWSMA, former South Central PWSMA, and former Upper Connecticut River PWSMA as noted below:

- The former Housatonic WUCC delineated ESA boundaries, and intentionally left some areas unassigned, from August 1986 to December 1987;
- The former South Central WUCC delineated ESA boundaries, leaving no areas unassigned, from March 1988 to June 1989; and
- The former Upper Connecticut River WUCC delineated ESA boundaries, and intentionally left some areas unassigned, from to June 1987 to May 1988.

ESA designations for the undefined areas of the Western PWSMA have been recently delineated. Summaries of the declaration processes are presented in the following sections. The reader is encouraged to review the following documents for a more complete picture of the ESA declaration process completed by the former Housatonic WUCC, former South Central WUCC, and former Upper Connecticut River WUCC, respectively:

- *Final Exclusive Service Areas – Housatonic Water Supply Management Area, December 1987;*
- *South Central Connecticut Water Supply Management Area - Final Exclusive Service Areas (Part 2), June 1989; and*
- *Final Exclusive Service Areas – Upper Connecticut River Water Supply Management Area, May 24, 1988.*

2.2.1 Former Housatonic Public Water Supply Management Area

Existing service area boundaries in the former Housatonic PWSMA were delineated as part of the *Final Water Supply Assessment* dated April 1987. A map of those boundaries was appended as Plate I and Plate II of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table 2-1 presents a summary listing of milestones in the ESA delineation process for the former Housatonic PWSMA. All of the area in the former Housatonic PWSMA is included in the current Western PWSMA.

TABLE 2-1
Summary of Milestones in the Exclusive Service Area Delineation Process, 1986-1987

Date	Milestone
August 18, 1986	Notification of initiation of establishment of preliminary ESA boundaries
January 20, 1987	Notice requesting ESA declarations for future service areas
February 17, 1987	Potential conflicts identified, informal negotiations between conflicting ESA declarants
May 14, 1987	All conflicts resolved saved Brookfield Route 7 corridor; conflict referred to PURA
August 26, 1987	PURA recommends that conflicted Brookfield area remain unassigned; conflicted utilities come to agreement
September 28, 1987	Notice requesting Statements of Confirmation from each ESA holder
October 1987	Final exclusive service areas established by the Housatonic WUCC pending approval of Water Supply Plans
1988 to 2015	ESA boundaries modified by the Former Housatonic WUCC as deemed necessary

Refer to Appendix B for a summary of the ESA process for the former Housatonic PWSMA. Table 2-2 summarizes the ESA designations that were inherited by the Western PWSMA for the current process.

TABLE 2-2
Former Housatonic PWSMA Exclusive Service Areas Inherited by Western PWSMA

Geographic Area	ESA Designations for Unserved Areas
Bethel	AWC in the northern portion of Bethel and Bethel Water Department in southern Bethel, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Bridgewater	AWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Brookfield	AWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Danbury	City of Danbury except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
New Fairfield	Town of New Fairfield for the largely non-residential downtown area, and AWC for a small area to the west and south of the downtown area. Outside of this area, other existing systems maintained an ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.
New Milford	AWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Newtown	AWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Ridgefield	AWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Roxbury	Existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems was unassigned.
Sherman	Existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems was unassigned.
Southbury	<p>Heritage Village Water Company awarded ESA for area bounded to east at Route 6 and Route 67 near Upper and Lower Grassy Hill Road, with boundary following the Pomperaug River southerly to Fish Rock Road; along Route 188 at Long Meadow Road and bordered by Rigg Street in Oxford to intersection at Route 67, and running along Governors Hill Road; bordered by Route 188 at Quaker Farms Road, and southerly to Governors' Hill Road in Oxford.</p> <p>Outside of this area, other existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.</p>
Woodbury	<p>Watertown Fire District awarded ESA for the northeastern corner of Woodbury, from the westerly boundary of Watertown intersecting Route 61, proceeding northwesterly along Route 61 for 1.2 miles to the southerly boundary of Bethlehem; easterly along the Bethlehem/Woodbury boundary to the intersection with the westerly boundary of Watertown; southerly along the Woodbury/Watertown boundary to its intersection with Route 61.</p> <p>AWC for remainder of town except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.</p>

A request for existing ESA holders in the former Housatonic PWSMA to affirm their ESA boundaries was sent to those entities on October 11, 2016. The goal was to identify any areas that may need to be included in an ESA declaration process. None of the ESA holders indicated a desire to relinquish any portions of their existing ESA boundaries.

2.2.2 Former South Central Public Water Supply Management Area

Existing service area boundaries in the former South Central PWSMA were delineated as part of the *Final Water Supply Assessment* dated October 1988. A map of those boundaries was appended as Plate IA and Plate IB of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table 2-3 presents a summary listing of milestones in the ESA delineation process for the former South Central PWSMA. Note that the majority of the former South Central PWSMA is located in the Central PWSMA; the municipalities of Ansonia, Beacon Falls, Cheshire, Derby, Naugatuck, Oxford, Prospect, and Seymour were assigned to the Western PWSMA in 2014.

TABLE 2-3
Summary of Milestones in the Exclusive Service Area Delineation Process, 1988-1989

Date	Milestone
March 3, 1988	Legal notice and press release published requesting ESA declarations for future service areas; response requested by April 15, 1988
March 14, 1988	Letters mailed to WUCC members requesting ESA declarations with "Guidelines for Delineation of Exclusive Service Area" instructions and map; response time extended to April 29, 1988
May 27, 1988	Reminder notice to selected WUCC members requesting response to request for delineations by June 9, 1988
June 24, 1988	Letter from DPH to selected WUCC members with list of currently unclaimed areas and areas in conflict, reminding those in conflict over ESA designations to meet to discuss and hopefully resolve their overlapping ESA proposals
July 14, 1988	WUCC decides to send conflicts to PURA for recommendations
July 23, 1988	WUCC refers ESA conflicts in Oxford, Prospect, Seymour, and Beacon Falls to PURA for recommendations
August 5, 1988	PURA issues request for information for ESA conflicts; ESA conflicts in Beacon Falls, Oxford, and Seymour are resolved
October 25, 1988	Legal notice issued announcing availability of Preliminary Exclusive Service Area Boundaries for public review and comment; comments requested by November 28, 1988
November 18, 1988	DPH issues news release requesting public comment on Preliminary Exclusive Service Area Boundaries
December 13, 1988	PURA recommended that unserved areas in Prospect be served by CWC.
January 12, 1989	WUCC votes to not accept the PURA recommendations and to refer the conflicts to DPH for resolution
January 20, 1989	WUCC issues letter to DPH requesting DPH hold a public hearing and assign ESA boundaries for the conflicted areas; DPH ultimately assigns all of Prospect to CWC

Refer to Appendix C for a summary of the ESA process for the former South Central PWSMA. Table 2-4 summarizes the ESA designations that were inherited by the Western PWSMA for the current process.

TABLE 2-4
Former South Central PWSMA Exclusive Service Areas Inherited by Western PWSMA

Geographic Area	ESA Designations for Unserved Areas
Ansonia	SCCRWA except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Beacon Falls	AWC except for two small portions in the northeast and northwest quarters of town which were awarded to CWC, and except where other public water systems have an ESA coterminous with their existing service area. No areas left unassigned.
Cheshire	SCCRWA except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Derby	SCCRWA except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Naugatuck	SCCRWA except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Oxford	<p>AWC for the portion of Oxford bounded to the north by Eightmile and Sixmile Brooks, Governor's Hill Road, Chestnut Hill Road, Towantic Brook, and a line generally perpendicular to the Beacon Falls Town Line just north of Seymour Reservoir No. 4; to the east by the Beacon Falls town line, and to the west by the Monroe and Shelton town lines along the Housatonic River.</p> <p>CWC for the ESA designation for unserved areas in the northeast portion of Oxford north of the perpendicular line noted above, bounded to the west by Towantic Brook.</p> <p>Heritage Village Water Company for the ESA designation for all unserved areas generally north and west of the other ESA designations in Oxford.</p> <p>Other existing systems maintained ESA designation coterminous with their existing service area. No areas left unassigned.</p>
Prospect	CWC except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Seymour	SCCRWA for its existing service area and the unserved area southeast of Davis Road, Steep Hill Road, and Old Town Road. AWC for all remaining unserved areas except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.

A request for existing ESA holders in the former South Central PWSMA to affirm their ESA boundaries was sent to those entities on October 11, 2016. The goal was to identify any areas that may need to be included in an ESA declaration process. None of the ESA holders indicated a desire to relinquish any portions of their existing ESA boundaries.

2.2.3 Former Upper Connecticut River Public Water Supply Management Area

Existing service area boundaries in the former Upper Connecticut PWSMA were delineated as part of the *Final Water Supply Assessment* dated December 1987. A map of those boundaries was appended as Plate IA and Plate IB of that document. The ESA declaration process was based, in part, on the findings

of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table 2-5 presents a summary listing of milestones in the ESA delineation process for the former Upper Connecticut River PWSMA. Note that the majority of the former Upper Connecticut River PWSMA is located in the Central PWSMA; the municipalities of Barkhamsted, Bristol, Burlington, Colebrook, Hartland, Harwinton, and New Hartford were assigned to the Western PWSMA in 2014.

TABLE 2-5
Summary of Milestones in the Exclusive Service Area Delineation Process, 1987-1988

Date	Milestone
June 3, 1987	Notices mailed to all WUCC members, local municipal officials, and interested parties requesting that utilities delineate ESA boundaries, and requesting input from municipalities and interested persons, with due date of September 14, 1987
June 15, 1987	Legal notice published in Hartford Courant announcing ESA boundaries delineation process.
June 27, 1987	Press release regarding ESA boundary request
October 6, 1987	WUCC reviews conflicts at monthly WUCC meeting and recommends that conflicting utilities directly negotiate mutually agreeable solutions
December 1, 1987	ESA conflicts resolved except for areas referred to mediation subcommittee
December 16, 1987	Mediation subcommittee meets with conflicting declarants
February 2, 1988	WUCC votes to resolve one of the remaining conflicts
February 16, 1988	Mediation subcommittee achieves resolution of conflicts

Refer to Appendix D for a summary of the ESA process for the former Upper Connecticut River PWSMA. Table 2-6 summarizes the ESA designations that were inherited by the Western PWSMA for the current process.

TABLE 2-6
Former Upper Connecticut River PWSMA Exclusive Service Areas Inherited by Western PWSMA

Geographic Area	ESA Designations for Unserved Areas
Barkhamsted	Existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems was unassigned.
Bristol	City of Bristol except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.
Burlington	CWC for small areas in northeastern and southeastern Burlington, City of Bristol for southern Burlington, and Torrington Water Company for the remainder of town. Other existing systems maintained ESA designation coterminous with their existing service area. No areas left unassigned.
Colebrook	Existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems was unassigned.
Hartland	Existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems was unassigned.
Harwinton	CWC for the southern portion of Harwinton and Torrington Water Company for the remainder of town except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned.

TABLE 2-6
Former Upper Connecticut River PWSMA Exclusive Service Areas Inherited by Western PWSMA

Geographic Area	ESA Designations for Unserved Areas
New Hartford	CWC for a small portion of southeastern New Hartford, and Torrington Water Company for two small areas in southwestern New Hartford, except where other public water systems maintained an ESA coterminous with their existing service area. Majority of town left unassigned.

A request for existing ESA holders in the former Upper Connecticut River PWSMA to affirm their ESA boundaries was sent to those entities on October 11, 2016. The goal was to identify any areas that may need to be included in an ESA declaration process. None of the ESA holders indicated a desire to relinquish any portions of their existing ESA boundaries.

2.2.4 Western Public Water Supply Management Area

Existing service area boundaries in the Western PWSMA were delineated as part of the *Final Water Supply Assessment* dated December 2016. A map of those boundaries was attached as Appended Figure II of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. The previously assigned ESA designations discussed in Section 2.2.1 to Section 2.2.3, as amended, were carried forward in the current process for approval by Connecticut DPH. Table 2-7 presents a summary listing of milestones in the ESA delineation process for the Western PWSMA.

TABLE 2-7
Summary of Milestones in the Exclusive Service Area Delineation Process, 2016-2017

Date	Milestone
November and December 2015	DPH meets with NVCOG, WestCOG, and NHCOG to discuss convening of the Western WUCC and upcoming ESA process
June 14, 2016	Convening of the Western WUCC (initial meeting)
August 25, 2016	DPH hosts WUCC webinar including explanation of ESA process
September 20, 2016	DPH issues "Frequently Asked Questions" document regarding ESAs
October 11, 2016	Notification to Western WUCC members and Interested Parties announcing commencement of ESA Process and general schedule; Request to ESA holders to affirm their existing ESA boundaries
November 8, 2016	Due date for ESA affirmations from existing ESA holders. ESA declaration form issued
November 29, 2016	DPH hosts second webinar specific to ESA process
December 12, 2016	ESA declaration form due date. Declarations received from AWC, City of Waterbury, Connecticut DEEP, CWC, First Taxing District of the City of Norwalk, Heritage Village Water Company, South Norwalk Electric and Water, Torrington Water Company, Town of Bethlehem, Town of Morris, Winsted Water Works, and Wolcott Water & Sewer. Woodlake Tax District and the Town of New Hartford submit a declaration form and map, and a map, respectively, supporting their desired ESA designations consistent with their current system boundary. The Towns of Barkhamsted, Canaan, Colebrook, Cornwall, Goshen, Hartland, Kent, Litchfield, New Hartford, Salisbury, Warren, and Washington request that ESA designations remain unassigned for all or part of those communities. Numerous conflicts identified.

TABLE 2-7
Summary of Milestones in the Exclusive Service Area Delineation Process, 2016-2017

Date	Milestone
December 13, 2016	Conflicts discussed at monthly WUCC meeting. SCCRWA requests to make a late declaration for Wolcott, which was acceptable to the WUCC. The WUCC requests that conflicting declarants meet and come to mutually agreeable solutions.
December 15, 2016	Winsted Water Works and Torrington Water Company resolve their conflicting claims.
December 19, 2016	The Town of Barkhamsted notes that it will not dispute the ESA declarations in Barkhamsted by Connecticut DEEP.
December 20, 2016	SCCRWA submits an ESA declaration form for Wolcott.
December 23, 2016	Town of Goshen amends its position and submits ESA declaration form for all unserved areas in the Town of Goshen excluding lands claimed by Connecticut DEEP.
January 3, 2017	After discussions with Wolcott Water & Sewer, SCCRWA modifies its ESA declaration for Wolcott to the area around its existing service area.
January 5, 2017	Connecticut DEEP issues letter clarifying ESA position and requesting that any conflict resolution regarding DEEP claims be tabled to the February WUCC meetings. AWC issues letter indicating that it withdraws its claims to lands owned by DEEP except for those where AWC already provides water service. AWC issues letter withdrawing claims in Colebrook, Canaan, Goshen, Hartland, Morris, Warren, and Wolcott. Town of Canaan issues letter noting that it will not dispute the ESA declarations in Canaan by Connecticut DEEP. Town of Sharon issues letter requesting that Sharon remain unassigned.
January 9, 2017	The Town of Washington notes that it will not dispute the ESA declarations in Washington by Connecticut DEEP.
January 10, 2017	At the January 2017 monthly WUCC meeting it was noted that conflicts in Litchfield were in progress but that there was no tentative resolution, and that conflicts in Middlebury had reached a tentative resolution. Conflicts in Norwalk and Sharon were still unresolved, as well as several towns where DEEP had deferred conflict resolution until February. AWC issues letter withdrawing claims in New Hartford. Town of New Hartford issues letter claiming all unserved land in New Hartford with the exception of those lands claimed by Connecticut DEEP. Torrington Water Company issues letter withdrawing its ESA declaration from Goshen and for the unassigned area of New Hartford as well as from lands claimed by Connecticut DEEP.
January 24, 2017	CWC issues letter noting resolution of conflict with AWC in Middlebury, and notes that they do not take exception to the claims made by Connecticut DEEP.
January 25, 2017	Town of Sharon requests ESA for limited area surrounding its existing service area in Sharon.
January 27, 2017	Town of Washington indicates that it will accept a limited ESA designation surrounding existing AWC systems in Washington. AWC provides mapping depicting proposed locations of preliminary ESA boundaries in Kent, Salisbury, and Washington. Conflicts in Washington are resolved. AWC withdraws request for ESA designation in Sharon. Conflicts in Sharon are resolved.
February 1, 2017	DEEP issues letter clarifying its position regarding ESAs and requesting that DEEP lands remain unassigned or that it be otherwise noted such ESAs would be unenforceable on state land.
February 7, 2017	DPH issues "Questions and Answers" document clarifying ESA holder roles and responsibilities, including in regards to the CPCN process
February 14, 2017	Western WUCC adopts ESA Procedures. The WUCC votes to note DEEP lands on ESA mapping, but assign DEEP lands consistent with the surrounding ESA determination.

TABLE 2-7
Summary of Milestones in the Exclusive Service Area Delineation Process, 2016-2017

Date	Milestone
February 27, 2017	Torrington Water Company withdraws its ESA claim for Litchfield. Aquarion Water Company provides mapping to clarify its claims in Litchfield and Cornwall based on discussions which each town.
March 2, 2017	The conflict in Norwalk is resolved.
March 3, 2017	Western WUCC submits final draft Preliminary ESA Document to Western WUCC members for consideration and approval at March 14, 2017 meeting.
March 13, 2017	Western WUCC submits a letter to DPH noting that preliminary ESA boundaries have been prepared and that maps showing the same have been posted on the DPH website since February 27, 2017.
March 21, 2017	The March 14, 2017 meeting was postponed by one week due to weather. The Western WUCC votes to publish the Preliminary Recommended Exclusive Service Area Boundaries document for a 30-day public review period beginning March 22, 2017.
March 28, 2017	Notification to ESA holders regarding draft Statement of Confirmation and requesting review and comment, with discussion and approval at the April 11, 2017 Western WUCC meeting.
April 11, 2017	Public comments on Preliminary Recommended ESA Document received to date summarized at the Western WUCC meeting. Statement of Confirmation approved for distribution.
April 13 to 19, 2017	Western WUCC Secretary emails each ESA holder a Statement of Confirmation for signature by June 1, 2017, along with associated ESA Maps and the previous Statement of Confirmation from a prior WUCC, if applicable.
April 22, 2017	Public comments due on Preliminary Recommended ESA Document.
April 30, 2017	Western WUCC submits first draft of Final Recommended ESA Document to Western WUCC members for initial review.
May 9, 2017	Public comments on Preliminary Recommended ESA Document summarized at Western WUCC meeting, along with changes to the document reflective of the comments.
May 25, 2017	Western WUCC submits final draft of Final Recommended ESA Document to Western WUCC members for final review and consideration at the June 13, 2017 Western WUCC meeting.
June 13, 2017	Final Recommended ESA Boundaries are approved by the WUCC in all communities in the Western PWSMA. Final Recommended Exclusive Service Area Document approved by Western WUCC for submission to Connecticut DPH.

Work began on the ESA process in October 2016. Notice of the initiation of the preliminary ESA declaration process was provided by the Western WUCC via electronic letter on October 11, 2016. The Western WUCC also sent a letter to existing ESA holders in the Western WUCC on October 11, 2016. Copies of both of these notifications are included in Appendix A. The letter asked each ESA holder to affirm their interest in maintaining their existing ESA boundaries, and requested a response by November 8, 2016. The goal of the letter was to identify any additional areas that may need to be included in the ESA declaration process. None of the existing ESA holders indicated an interest in relinquishing any of their ESA boundaries.

The ESA declaration form was approved for release at the November 8, 2016 WUCC meeting and submitted electronically to Western WUCC members and interested parties on November 8, 2016. The

ESA declaration form is included in Appendix A. Public water suppliers and municipalities were encouraged to continue or initiate private meetings to resolve potential conflicts.

Numerous utilities and municipalities, along with Connecticut DEEP, submitted ESA declarations by the due date of December 12 2016. Completed ESA declaration forms were posted on the Western WUCC website¹. As declarants met to resolve conflicts, numerous declarants revised their ESA declaration and submitted letters or revised forms with the changes.

On February 1, 2017, Connecticut DEEP submitted a letter clarifying its position related to ESA boundaries. A copy of this letter is included in Appendix A. The letter explains that DEEP-owned and maintained lands, as state lands, are subject to the principles of sovereign immunity. According to DEEP, when lands in the custody and control of the Connecticut DEEP are within an ESA, the rights and responsibilities assigned to the ESA holder do not apply to those lands. Connecticut DEEP suggested two paths forward for ESA boundaries concerning DEEP-owned and maintained lands: 1) leaving the areas unassigned, or 2) assigning ESA boundaries to another entity with the understanding that they would be unenforceable except in the unlikely event that the land was sold or otherwise transferred. The Western WUCC voted at the February 14, 2017 meeting to assign DEEP lands consistent with option #2 above, and to add DEEP lands to the maps with the notation that ESAs may not be enforceable on DEEP lands.

As of the February 14, 2017 WUCC meeting, all conflicts were resolved except for those in Litchfield and Norwalk where the conflicted declarants requested more time for conflict resolution. The remaining conflicts were resolved by March 2, 2017. The Western WUCC submitted a letter to DPH on March 13, 2017 in advance of the nine-month regulatory time frame that mapping had been prepared depicting the preliminary ESA boundaries and made available to the public. The Preliminary ESA Document was approved for public review and comment at the March 21, 2017 Western WUCC meeting, and issued for public comment on March 22, 2017 with comments accepted through the end of the day on April 22, 2017.

Mapping was prepared for each municipality within the Western PWSMA depicting where preliminary ESA boundaries were being assigned, where final recommended ESA boundaries were being carried forward from a former WUCC, and the location of existing water systems. Following the public comment period, the Western WUCC voted to recognize the preliminary ESA boundaries as final recommended ESA boundaries.

As part of this process, all existing public water systems (except for state-owned public water systems) automatically received an ESA boundary coterminous with the parcel or parcels it served. This includes larger Community water systems as well as small Community public water systems that serve apartment buildings, boarding schools, condominium associations, elderly housing complexes, homeowners associations, mobile home parks, nursing homes, rehabilitation centers, religious retreat complexes, tribal nations, and satellite systems owned and operated by larger utilities. It also includes the parcels served by non-community water systems (NTNC and TNC systems), although due to data limitations such systems are delineated on the mapping by a point. ESA holders must be cognizant when conducting water system planning that the ESA boundaries associated with NTNC and TNC systems are not necessarily spatially correct.

¹ <http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576504%20%20>

Note that ESA boundaries for small public water systems are not specifically called out as ESAs on Appended Figures 1 or 2, as these maps are designed to depict ESA boundaries for areas unserved by public water service. Recall from the definitions at the front of this document that "ESA holders" are defined as those utilities or municipalities that hold ESA boundaries in areas currently unserved by public water supply; as such, the mapping is dedicated to depicting ESA holders, with existing service areas being provided for informational purposes. Table 2-8 summarizes the final recommended ESA designations for the Western PWSMA. Note that the ESA boundaries for SCCRWA and CWC in certain areas extend into the Central WUCC.

TABLE 2-8
Final Recommended Exclusive Service Area Holders in Western PWSMA

Geographic Area	ESA Holders for Unserved Areas
Ansonia	SCCRWA.
Barkhamsted	Winsted Water Works in a small area on the west side of town along Route 44, with the remainder of town remaining unassigned.
Beacon Falls	AWC, except for CWC in the northern portion of town.
Bethel	AWC in the northern portion of Bethel and Bethel Water Department (Town of Bethel) in southern Bethel.
Bethlehem	AWC, except for the area between the intersection of Route 61 and Route 132 southerly up to and including the intersection of Route 61 and Jackson Lane which is claimed by the Town of Bethlehem.
Bridgeport	AWC.
Bridgewater	AWC.
Bristol	Bristol Water Department.
Brookfield	AWC.
Burlington	Bristol Water Department in the southern portion of town, CWC along portions of the eastern edge of town, and Torrington Water company for the remainder of town.
Canaan	Town will be unassigned.
Cheshire	SCCRWA.
Colebrook	Town will remain unassigned.
Cornwall	AWC in a small radius around its existing system; remainder of town unassigned.
Danbury	Danbury Water Department (City of Danbury).
Darien	AWC.
Derby	SCCRWA.
Easton	AWC.
Fairfield	AWC.
Goshen	Town of Goshen.
Greenwich	AWC.
Hartland	Town will remain unassigned.
Harwinton	CWC for the southern portion of town, and Torrington Water Company for the remainder of town.
Kent	AWC in a defined radius around its existing system; remainder of town unassigned.
Litchfield	AWC throughout most of central Litchfield; remainder of town unassigned.
Middlebury	CWC throughout most of Middlebury, with the exception of a small area on the western border and west of Lake Quassapaug claimed by AWC.
Monroe	AWC.
Morris	Town of Morris.
Naugatuck	CWC.

TABLE 2-8
Final Recommended Exclusive Service Area Holders in Western PWSMA

Geographic Area	ESA Holders for Unserved Areas
New Canaan	AWC.
New Fairfield	The existing Town of New Fairfield ESA in the downtown area inherited from the former Housatonic PWSMA will remain unchanged, and the Aquarion ESA is expanded to cover the remainder of town.
New Hartford	The existing Torrington Water Company ESA in the southwestern corner and the existing CWC ESA in the eastern part of town were inherited from the former Upper Connecticut River PWSMA. The Town of New Hartford (WPCA) in the remainder of town.
New Milford	AWC.
Newtown	AWC.
Norfolk	AWC.
North Canaan	AWC.
Norwalk	City of Norwalk First Taxing District Water Department in primarily the eastern and part of northwestern Norwalk, South Norwalk Electric and Water in primarily the western and part of northwestern Norwalk.
Oxford	AWC in the eastern and southeastern parts of town, CWC in the northeastern corner of town, Heritage Village Water Company throughout the western and northern parts of town.
Plymouth	CWC.
Prospect	CWC.
Redding	AWC.
Ridgefield	AWC.
Roxbury	AWC.
Salisbury	AWC in defined area around its existing system, with the remainder of town being unassigned.
Seymour	AWC throughout most of town, except for SCCRWA in south-central area of town.
Sharon	Sharon Water Department (Town of Sharon) in defined area around existing system, with remainder of town unassigned.
Shelton	AWC.
Sherman	AWC.
Southbury	Heritage Village Water Company.
Stamford	AWC.
Stratford	AWC.
Thomaston	CWC.
Torrington	Torrington Water Company.
Trumbull	AWC.
Warren	Town will be unassigned.
Washington	AWC in a small area around its existing systems, remainder of town to remain unassigned.
Waterbury	Waterbury Water Department (City of Waterbury).
Watertown	Town to remain unassigned.
Weston	AWC.
Westport	AWC.
Wilton	AWC.
Winchester	Winsted Water Works (Town of Winchester).
Wolcott	Wolcott Water Department (Town of Wolcott).
Woodbury	AWC, except for the northeastern corner (Watertown Fire District).

Although the ESA Maps in Appendix E depict ESA boundaries by municipality, wherever ESA boundaries in one municipality are contiguous with an ESA boundary controlled by the same ESA holder in another municipality, those boundaries are considered by the Western WUCC to be the same ESA. Boundary modifications will be addressed by the Western WUCC as necessary. Such modifications will become amendments to this document and posted to the Western WUCC website hosted by Connecticut DPH.

2.3 Confirmation of Recommended Boundaries

The legislation establishing the coordinated water system planning process specifies the process for developing ESA boundaries. This process, however, does not include any provision mandating final verification of the boundaries by ESA holders. The final acknowledgement of boundary locations by the area public water suppliers is important in terms of future service area clarification.

The former Housatonic WUCC, former South Central WUCC, and former Upper Connecticut River WUCC distributed customized maps to ESA holders for review. The designated representative then signed a statement of confirmation. The intent and wording of the statements was such that an ESA holder agreed that the boundaries accurately reflected WUCC recommendations and that the ESA holder accepted the right and responsibility for serving areas within those boundaries. The statements were not intended to indicate that an ESA holder necessarily agreed with the WUCC recommendation.

A similar process was followed by the Western WUCC. Customized maps were developed to meet the mapping requirements specified in the regulations, Western WUCC Bylaws, and ESA Procedures for consideration of ESA boundaries. Final maps are included in this document in Appendix E. The final recommended ESA holders for unserved areas in the Western PWSMA are presented graphically on Appended Figure 1 to provide a regional perspective. Appended Figure 2 presents the final recommended ESA boundaries and approved ESA boundaries for the remaining two WUCCs to provide an overview of ESA boundaries on a statewide level.

Final versions of the individual municipal maps were distributed to ESA holders following the April 11, 2017 Western WUCC meeting along with a Statement of Confirmation for signature. Statements of Confirmation for each ESA holder are included in Appendix E. In the event that ESA boundaries need to be modified in the future, the Western WUCC will follow the procedures in the Western WUCC Work Plan and submit an addendum to DPH requesting approval of the change.

2.4 Undesignated Service Areas

Numerous communities in northwestern Connecticut indicated a desire to remain unassigned as part of the Western WUCC ESA process. In addition, there were no declarants for unserved areas in Watertown. Areas intentionally being left unassigned by the Western WUCC within the Western PWSMA are summarized by municipality below.

- Barkhamsted – The Town of Barkhamsted requested that the majority of the unserved areas of town remain unassigned, except for a small area on Route 44 pertinent to a 2011 interlocal agreement with the Town of Winchester. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:

- Barkhamsted is quite rural with more than 50% of the land area being State Forest or owned by the Metropolitan District Commission, and the rural areas are unlikely to require public water and/or sewers due to minimum two-acre zoning.
- Population projections indicate minimal population growth over the next 10 years.
- The 2007 POCD has a sewer avoidance policy.
- The Town will negotiate with other utilities if additional areas of service are necessary in the future.

- Canaan – The Town of Canaan requested that the unserved areas of town remain unassigned, except for areas claimed by Connecticut DEEP. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:
 - Canaan is extremely rural with more than 50% of the land area being owned by entities unlikely to develop the land, as well as numerous other properties with conservation easements and Public Act 490 designations. Approximately 84% of the land is currently tax-exempt.
 - Population projections indicate a population decrease over the next 10 years.
 - The Village Center is already completely served by public water supply.

- Colebrook – The Town of Colebrook requested that the unserved areas of town remain unassigned. The Western WUCC concurred with the request of the Town, consistent with the previous designation provided by the former Upper Connecticut River WUCC. In its argument to remain unassigned, the Town noted the following:
 - Colebrook is extremely rural with a large portion of the land area being owned by entities unlikely to develop the land, as well as numerous other properties with conservation easements.
 - The Town Center water service already provides public water supply to the few non-residential uses.
 - The Town has seen very little recent development.

- Cornwall – The Town of Cornwall requested that unserved areas of the town remain unassigned. The Western WUCC concurred with the request of the Town. AWC worked with the town to develop an appropriate buffer around the existing system.

- Hartland – The Town of Hartland requested that unserved areas of the town remain unassigned. The Western WUCC concurred with the request of the Town, consistent with the previous designation provided by the former Upper Connecticut River WUCC. In its argument to remain unassigned, the Town noted the following:
 - Hartland is quite rural with more than 67% of the land area being public or quasi-public open space, and the rural areas are unlikely to require public water and/or sewers due to minimum two-acre zoning.
 - Population projections indicate a decrease over the next 10 years.
 - There is no Town Center and no current or foreseeable need for a water or sewer system.

- Kent – The Town of Kent requested that the unserved areas of town outside of the village district (served by AWC) remain unassigned. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:

- Kent is rural with a large portion of the land area being owned by the state, protected by land trusts, or simply unbuildable.
- Population projections indicate a population decrease over the next 10 years.
- It is considered highly unlikely by the town that there will be any large scale development in Kent for years to come.

- Litchfield – The Town of Litchfield requested that the unserved areas of the town remain unassigned. The Western WUCC concurred with the request of the Town. AWC worked with the town to develop an appropriate buffer around the existing system.

- Salisbury – The Town of Salisbury requested that the unserved areas of town not presently served or controlled by AWC remain unassigned. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:
 - A large portion of the land beyond the two villages served by AWC includes protected lands not compatible for the intensive development that would need to be served by public water supply.
 - The Town would work with AWC if additional areas needed to be served in the future.

- Sharon – The Town of Sharon requested that the area outside of a limited ESA for the existing Town of Sharon system in the village center be left unassigned. The Town believes that there is a limited potential for development away from the village center. The Western WUCC concurred with the request of the Town.

- Warren – The Town of Warren requested that the unserved areas of town remain unassigned. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:
 - A large portion of the town is under ownership by the State of Connecticut, City of Waterbury Bureau of Water, or under easements by land trusts. The state also holds the development rights on many parcels and minimum zoning is two acres.
 - Much of the remaining land have impediments to development such as steep slopes, ledge, and wetlands which limit the creation of septic systems.
 - Major developments are unlikely to occur in the foreseeable future.

- Washington – The Town of Washington requested that the unserved areas of town remain unassigned with the exception of a mutually acceptable ESA around the existing AWC systems to be controlled by AWC. The Western WUCC concurred with the request of the Town. In its argument to remain unassigned, the Town noted the following:
 - Washington is a rural community with four village centers, three of which are already served by public water supply.
 - Current land use regulations are structured such that intense development needing public water supply outside of the four village centers is unlikely to occur.

- Watertown – The majority of town outside of the existing service areas of public water systems will remain unassigned as there were no declarants. Much of the area away from the existing large

systems (Watertown Water & Sewer Authority and Watertown Fire District) consists of state land, watershed land, or zoning with larger minimum lot sizes such that large scale intensive development may not be realized in these areas. Nevertheless, Connecticut DPH has requested that the Western WUCC work with the Town of Watertown, the Watertown Water & Sewer Authority, and the Watertown Fire District to establish ESA holders for unserved areas in Watertown. The Western WUCC intends to conduct outreach to these entities in the near future, but anticipates that assignment process to extend several months beyond June 2017 at a minimum. In the event that additional ESA boundaries are assigned in Watertown, an addendum to the ESA Document will be submitted to DPH by the Western WUCC.

In addition, many islands in Long Island Sound will remain unassigned, such as islands off the coast of Norwalk. Public water supply is not anticipated to be needed in these areas.

2.5 Consideration of New Exclusive Service Area Holders for Currently Unserved Areas

The following section summarizes the ESA declaration forms received from the various declarants for the 45 municipalities in the Western PWSMA where ESA boundaries were partially or fully unassigned at the start of this process. These declaration forms indicated how prospective ESA holders planned to provide public water service, when needed, to those areas which currently do not have public water service. ESA holders for the parts of the region where ESA boundaries have previously been assigned are expected to continue to provide water service within their ESA boundaries as before (through main extensions or via satellite systems, as appropriate) and as described in the *Final Water Supply Assessment*. Each declarant was judged by the Western WUCC to have the technical, managerial, and financial capacity to provide public water service to areas claimed for ESA designation by that declarant.

2.5.1 Existing Water Service Area

RCSA 25-33h-1(d)(B)(ii)(aa) requires that the Western WUCC consider existing water service area in determining ESA boundaries. These are briefly described below for each declarant:

- Aquarion Water Company (AWC) does not currently provide public water service in Bethlehem and Roxbury. AWC owns and operates systems in 39 municipalities in the Western PWSMA, and plans to expand its existing service areas if feasible, or provide service through satellite systems, to meet any public water supply needs that arise over the 5-, 20- and 50-year planning periods.
- The Town of Bethlehem currently provides public water service to its Town Hall and a Fire House in Bethlehem within its proposed ESA. Expansion of these systems is not proposed at this time.
- Connecticut Water Company (CWC) currently provides public water service in Plymouth, Thomaston, and Middlebury. CWC plans to expand its existing service areas to meet any public water supply needs in these communities over the 5-, 20-, and 50-year planning periods.
- The First Taxing District of the City of Norwalk currently provides public water service in parts of Norwalk. Very few areas in Norwalk do not currently have public water service, and service extensions are coordinated with South Norwalk Electric and Water.

- The Town of Goshen currently provides public water service to its Town Hall, Goshen Center School, North Street, Goshen Firehouse, Sharon Turnpike, Camp Cochepianne, and Beach Street within its proposed ESA. Expansion of these systems is not proposed at this time.
- Heritage Village Water Company currently provides public water service in Southbury, Middlebury, and Oxford. Expansion of the system is not proposed at this time, but may be needed in the future.
- The Town of Morris currently provides public water service to its Senior Center and the Eldridge Senior Housing Complex. Expansion of these systems is not proposed at this time.
- The Town of New Hartford WPCA currently provides public water service to most of northeastern New Hartford. Expansion of this system is not proposed at this time.
- The Town of Sharon operates a community water system which provides water service to most of village center in Sharon. Expansion of the system is not proposed at this time.
- South Norwalk Electric & Water currently provides public water service in parts of Norwalk. Very few areas in Norwalk do not currently have public water service, and service extensions are coordinated with First Taxing District of the City of Norwalk.
- The Torrington Water Company owns and operates a public water system that provides service within portions of Torrington, Burlington, Harwinton, Litchfield, and New Hartford.
- The City of Waterbury currently provides public water service to nearly the entire city of Waterbury.
- Winsted Water Works, operated by the Town of Winchester and overseen by the Winchester WPCA, operates a large public water system that serves much of Winsted and parts of Winchester. Service to a limited portion of Barkhamsted along Route 44 is possible if needed in the future based on a 2011 Interlocal Water Agreement. Winsted Water Works also intends to expand along the Still River in the next 10 years.
- Wolcott Water Department currently provides public water service throughout western Wolcott. The Town describes expansion plans for the 5-, 20-, and 50-year planning periods in its *Water Supply Plan*.

2.5.2 Land Use Plans, Zoning Regulations, and Growth Trends

RCSA 25-33h-1(d)(B)(ii)(bb) requires that the Western WUCC consider land use plans, zoning regulations, and growth trends in determining ESA boundaries. As noted in Section 2.4, these local plans, zoning regulations, and growth trends were cited directly or indirectly by a number of municipalities as reasons for why the municipality should remain unassigned. The ESA declaration form used by the Western WUCC included questions requesting each declarant to describe their familiarity with such items, as well as identify the managerial capacity of the potential ESA holder to consider and review such items including in relation to the water supply planning statutes and regulations (Section 25-32d). These are briefly described below for each declarant:

- AWC states that it is familiar with local, regional, and state land use plans, local zoning regulations, and recent growth trends throughout its proposed ESA. The AWC Engineering and Planning Department is responsible for reviewing plans and regulations, and they will work with municipal planning and zoning departments and regional councils of governments to stay advised of land use and development at the local level. The current growth trends in some of these municipalities suggest that new public water systems may be necessary but not in others, and the company believes it is generally aware of where public water and/or sewer avoidance policies are being sought in these communities. AWC has a *Water Supply Plan* on file with Connecticut DPH and will discuss potential service to these communities in its next plan update.
- The Town of Bethlehem states that it is familiar with its local plans and regulations. The Board of Selectmen, Inland Wetlands Agency, and Planning Commission are in charge of reviewing and enforcing local plans and regulations. Expansion of public water service is not believed to be necessary at this time, and public water avoidance policies are not actively being sought in the proposed ESA. Town of Bethlehem staff have previous experience with the water supply planning regulations, but note that DPH has not requested the Town to submit a *Water Supply Plan* to date.
- CWC notes that it regularly reviews state and local land use plans and zoning regulations and assesses growth trends as part of the water supply planning process. Plans and regulations are also reviewed as needed when any such changes have the potential to impact sources of supply or levels of service. The Manager of Source Protection and Real Estate is responsible for reviewing local Plans of Conservation and Development, applicable zoning regulations, and local land use proposals in service communities. CWC believes that the zoning and land use plans for most of its declared areas support extension of existing systems, while other areas may support development of satellite systems. CWC's proposed ESA boundaries are expected to encompass areas outside of its 50-year service areas identified in its most recent *Water Supply Plan* on file with Connecticut DPH. Potential service to such areas will be discussed in its next *Water Supply Plan* update, and such areas are likely to be proposed be served via satellite water systems if public water supply becomes necessary.
- The First Taxing District of the City of Norwalk indicates that it is familiar with local land use and zoning. The General Manager is responsible for reviewing local, regional, and state land use plans as well as local zoning regulations with consultation from the City of Norwalk Planning and Zoning Department. Existing trends do not suggest that significant expansion of public water service will be necessary, and public water service avoidance policies are not being sought in Norwalk. The First Taxing District of the City of Norwalk has a *Water Supply Plan* on file with Connecticut DPH and the proposed ESA is consistent with the planned future service area.
- The Town of Goshen indicates that it is familiar with its local plans and regulations. The Town Planner and staff of NHCOG are in charge of reviewing local plans and regulations, with local enforcement by planning staff. Expansion of public water service is not believed to be necessary at this time. Town of Goshen staff indicate familiarity with the water supply planning regulations, but note that DPH has not requested the Town to submit a *Water Supply Plan* to date.
- Heritage Village Water Company indicates that its President is responsible for reviewing local, regional, and state land use plans as well as local zoning regulations. Local planning documents indicate that the existing water system in Southbury may need to be extended in the future.

Heritage Village Water Company has a *Water Supply Plan* on file with Connecticut DPH, and potential service to its ESA designation will be discussed in its next plan update.

- The Town of Morris notes that it is familiar with its local plans and regulations, as well as regional and state plans pertaining the Town of Morris. The Planning and Zoning Commission is in charge of reviewing and enforcing local plans and regulations. Expansion of public water service is not believed to be necessary at this time, and public water avoidance policies are not actively being sought in the proposed ESA. Town of Morris staff indicate that they do not have previous experience with the water supply planning regulations, but note that DPH has not requested the Town to submit a *Water Supply Plan* to date.
- The Town of New Hartford indicates that it is familiar with local plans and zoning regulations. Expansion of public water service is not believed to be necessary at this time. The Town of New Hartford WPCA has a *Water Supply Plan* on file with Connecticut DPH and will discuss potential service to its proposed ESA in its next plan update.
- The Town of Sharon indicates that it is familiar with local, regional, and state plans and local zoning regulations. The Sharon Sewer and Water Commission is advised of planning issues by the local commissions, and enforcement of local plans is provided by Town staff. Expansion of public water service is not believed to be necessary at this time. Public water and sewer avoidance policies are being sought in certain parts of Sharon, but not near the village center. The Town of Sharon has submitted a *Water Supply Plan* to Connecticut DPH in the past, but has not been required to submit updates since its 2002 plan due to a drop in population served below 1,000.
- South Norwalk Electric & Water is familiar with local land use and zoning. The Water Operations Department is responsible for reviewing local, regional, and state land use plans as well as local zoning regulations with consultation from the City of Norwalk Planning and Zoning Department and local land use boards. Existing trends do not suggest that significant expansion of public water service will be necessary, and public water service avoidance policies are not being sought in Norwalk. South Norwalk Electric & Water has a *Water Supply Plan* on file with Connecticut DPH and the proposed ESA is consistent with the planned future service area.
- Torrington Water Company indicates that it is familiar with the local and regional land use plans for Torrington as well as local zoning regulations. The Vice President of Operations is responsible for reviewing local plans of development. At this time the local plans do not suggest a need to develop new public water systems or to expand the existing system. Torrington Water Company is not aware of any public water supply avoidance policies in Torrington. The company has a *Water Supply Plan* on file with Connecticut DPH, and potential service within its ESA boundary outside of its current 50-year planning area will be discussed in its next plan update.
- The City of Waterbury Planning and Zoning Department advises the Bureau of Water on local, regional, and state land use plans and local zoning regulations. The Department is also responsible for enforcement. The Planning and Zoning Commission is responsible for the review and approval of new developments and redevelopments. The current growth trends in Waterbury do not suggest that expansion of the system is necessary at this time. Public water and sewer avoidance policies are not currently sought in Waterbury. The City of Waterbury has a *Water Supply Plan* on file with Connecticut DPH and the proposed ESA is consistent with the planned future service area.

- Winsted Water Works is familiar with local, regional, and state plans as they related to Winchester. All planned activities are consistent with the Winchester and Barkhamsted Plans of Conservation and Development, although it is noted that some identified needs may not be realized. The Town Manager and Town Planner are ultimately responsible for enforcing Winchester's plans and regulations, and they provide input to the Department of Public Works Director, water employees, and the Water & Sewer Commission. Responsibility for local plans and regulations in Barkhamsted is outside of the purview of the Town of Winchester. No water avoidance policies are known to exist in Winchester at this time. Winsted Water Works has a *Water Supply Plan* on file with Connecticut DPH, and potential service within its ESA boundary outside of its current 50-year planning area will be discussed in its next plan update.
- Wolcott Water Department works with the local planning and zoning officer regarding local, regional, and state plans and local zoning. The Sewer & Water Commission is responsible for staying informed of changes in plans and regulations, while the Planning & Zoning Commission enforces local regulations. Expansion of water service is anticipated in the 5-, 20-, and 50-year planning period. Public water avoidance policies are not anticipated in Wolcott. Wolcott Water Department has a *Water Supply Plan* on file with Connecticut DPH, and potential service within its ESA boundary outside of its current 50-year planning area will be discussed in its next plan update.

2.5.3 Physical Limitations to Water Service

RCSA 25-33h-1(d)(B)(ii)(cc) requires that the Western WUCC consider physical limitations to water service in determining ESA boundaries. These include impediments to system expansion or areas of poor bedrock geology or water quality which could impede the creation of satellite systems. These are briefly described below for each declarant:

- AWC indicates that new public water service will be provided either through main extensions, if feasible, or through satellite systems constructed through the CPCN process. AWC anticipates that there may be areas where bedrock yields are poor or groundwater contamination has affected groundwater quality.
- The Town of Bethlehem indicates that an additional source may be necessary to expand water service in its proposed ESA, and notes that there is a history of gasoline tank leaks in a portion of the proposed ESA that may impede source development.
- CWC indicates that new public water service may be provided via main extensions from existing systems, if feasible, including consideration of the potential impact on system margin of safety and municipal interest. Other areas will be served via satellite systems constructed through the CPCN process, which includes review of area water quality.
- The First Taxing District of the City of Norwalk indicates that it can serve all of its proposed ESA with its existing sources. If water service is necessary to a currently unserved area, the system will be expanded. Satellite systems are not believed to be necessary.

- The Town of Goshen indicates that all future water service in its proposed ESA would come through satellite systems served by dedicated wells. The Town is not aware of areas of bedrock geology with poor yields or contamination at this time.
- Heritage Village Water Company indicates that new supply sources could potentially be needed to serve any or all of its proposed ESA. If main extension is not feasible, then areas may be served via satellite systems constructed through the CPCN process. The company is not aware of areas of bedrock geology with poor yields or contamination at this time.
- The Town of Morris indicates that an additional sources may be necessary to expand water service in its proposed ESA, either through expansion of its existing system or for new systems developed through the CPCN process. The Town is not aware of areas of bedrock geology with poor yields or contamination at this time.
- The Town of New Hartford did not indicate any physical limitations to water service.
- The Town of Sharon indicates that it has sufficient resources to service its proposed ESA. Expansion of its existing system is preferred. Satellite systems are not believed to be necessary.
- South Norwalk Electric & Water indicates that additional water supply may be needed in the future to serve its proposed ESA with a sufficient margin of safety. If water service is necessary to a currently unserved area, the system will be expanded. Satellite systems are not believed to be necessary.
- Torrington Water Company indicates that it has sufficient supply to serve its proposed ESA via extension of its existing system. Main extension is preferred over the creation of a new satellite system unless it is not technically or financially feasible. Torrington Water Company is not aware of areas of bedrock geology with poor yields or contamination at this time. Responsibility for identifying new groundwater sources for satellite systems will be the burden of the developer.
- The City of Waterbury indicates that new public water service, if needed, would not require the creation of new supply sources. Service would be provided via main extension. Satellite systems are not anticipated.
- Winsted Water Works plans to expand its existing service area as feasible to respond to town needs. Extensions of its existing system are preferred, and the system currently has sufficient supply to meet anticipated needs. The feasibility of and need for satellite systems will be investigated as development proposals are reviewed. Winsted Water Works is not aware of areas of bedrock geology with poor yields or contamination at this time.
- Wolcott Water Department indicates that its existing sources are sufficient to provide service to its proposed ESA. Extension of the existing system is preferred. Satellite systems are not anticipated to be necessary.

2.5.4 Political Boundaries

RCSA 25-33h-1(d)(B)(ii)(dd) requires that the Western WUCC consider political boundaries in determining ESA boundaries. These are briefly described below for each declarant:

- AWC notes that its proposed ESA designation crosses multiple municipal boundaries, and that in some existing cases its existing water systems are served with water produced across municipal boundaries. This practice will likely continue in the future.
- The Town of Bethlehem notes that its proposed ESA is entirely within Bethlehem and intends for any supply sources to not come from across municipal boundaries.
- CWC notes that its proposed ESA crosses municipal boundaries, and that in some cases, its existing systems are served with water produced in other municipalities. This is likely to continue in the future.
- The First Taxing District of the City of Norwalk notes that its existing service area extends outside of Norwalk, and its existing service area outside of Norwalk will become part of its ESA. Furthermore, its surface water treatment plants and reservoirs are located outside of Norwalk.
- The Town of Goshen notes that its proposed ESA is entirely within Goshen and intends for any supply sources to not come from across municipal boundaries.
- Heritage Village Water Company notes that its proposed ESA in Southbury does not cross municipal boundaries. However, the company's existing ESA extends from Southbury into Oxford, and its existing service area in Oxford is provided with sources in Southbury.
- The Town of Morris notes that its proposed ESA is entirely within Morris, but that it is possible that water service could be extended from nearby systems in Litchfield.
- The Town of New Hartford proposed ESA is entirely within New Hartford.
- The Town of Sharon notes that its proposed ESA is entirely within Sharon, as are its existing water sources.
- South Norwalk Electric and Water notes that its existing service area extends outside of Norwalk, and its existing service area outside of Norwalk will become part of its ESA. Furthermore, its surface water treatment plants and reservoirs are located outside of Norwalk.
- Torrington Water Company indicates that parts of its proposed ESA will be contiguous with its existing ESA designation in New Hartford, Harwinton, and Burlington. The company's existing supply sources are in Torrington and Goshen and water supply presently crosses municipal boundaries throughout the service area.
- The City of Waterbury notes that its proposed ESA is coterminous with the corporate boundary of Waterbury, but that its water sources come from a variety of out-of-city reservoirs in Litchfield County.

- Winsted Water Works notes that its proposed ESA crosses into Barkhamsted to encompass a small area on Route 44 envisioned in a 2011 interlocal agreement that may need service in the future.
- Wolcott Water Department notes that its proposed ESA is completely within Wolcott, and that it receives its water supply from the City of Waterbury.

In all cases, it is possible that a satellite system could be proposed where the source area and service area are across municipal boundaries. The ESA designation is specific to the service area such that new sources can be developed by an ESA holder outside of its ESA, assuming that all pertinent federal, state, and local requirements are adhered to and the proper permits are acquired.

2.5.5 Water Company Rights as Established by Statute, Special Act, or Administrative Decisions

RCSA 25-33h-1(d)(B)(ii)(ee) requires that the Western WUCC consider water company rights as established by statute, special act, or administrative decisions in determining ESA boundaries. These are briefly described below for each declarant:

- AWC has numerous Special Acts authorizing it to provide water service throughout its proposed ESA designation, as outlined in Section 2.1. AWC does not have any Special Acts authorizing it to provide service in Bethlehem, Middlebury, New Fairfield, Roxbury, Sherman, Washington, or Weston, but notes that many times in the past it has received administrative approval by virtue of being authorized to purchase systems that may or may not have been constructed through the CPCN process, or by being ordered to take over systems. Any new systems would be authorized via expansion of existing systems or through the CPCN process.
- The Town of Bethlehem is authorized to provide public water service by state statute as outlined in Section 1.3.
- CWC is authorized to provide water service throughout Connecticut through a variety of Special Acts as outlined in Section 1.3.
- The First Taxing District of the City of Norwalk is authorized to provide water service by a variety of Special Acts and the City Charter as outlined in Section 1.3.
- The Town of Goshen is authorized to provide public water service by state statute as outlined in Section 1.3.
- Heritage Village Water Company is authorized by Special Acts to provide water service as noted in Section 1.3.
- The Town of Morris is authorized to provide public water service by state statute as outlined in Section 1.3.
- The Town of New Hartford is authorized to provide public water service by state statute and local ordinance as outlined in Section 1.3.

- The Town of Sharon is authorized to provide public water service by state statute and Special Act as outlined in Section 1.3.
- South Norwalk Electric and Water is authorized by state statute, Special Act, and the City Charter to provide public water service in Norwalk as outlined in Section 1.3.
- Torrington Water Company is authorized by a Special Act to provide water service to Torrington and the surrounding area as outlined in Section 1.3.
- The City of Waterbury is authorized to provide water service in Waterbury via state statute and local ordinance as noted in Section 1.3.
- Winsted Water Works is authorized to provide water service by state statute, Special Act, the Town Charter, and by a 2011 interlocal water agreement with Barkhamsted as outlined in Section 1.3.
- Wolcott Water Department is authorized to provide public water service by state statute as outlined in Section 1.3.

2.5.6 System Hydraulics, Including Potential Elevations or Pressure Zones

RCSA 25-33h-1(d)(B)(ii)(ff) requires that the Western WUCC consider system hydraulics, including potential elevations or pressure zones in determining ESA boundaries. In general, this requirement considers technical capacity via experience with operating different sizes of systems including those with multiple pressure zones and/or complicated system hydraulics. Responses are briefly described below for each declarant:

- AWC notes that it has extensive experience with system hydraulics and pressure zone management for both small and large systems. Expansion of existing systems would be considered on a case-by-case basis to determine infrastructure upgrade needs.
- The Town of Bethlehem notes that expansion of its public water system(s) throughout its proposed ESA may require additional wells, pressure tanks, and pumps. The First Selectman is a former Superintendent for a large municipal water system and a professional engineer with water system experience.
- CWC notes that it has extensive experience designing, constructing, and operating all aspects of water systems, including distribution system hydraulics. The feasibility of providing service through a main extension, including potential disinfection byproduct formation, is assessed on a case-by-case basis as main extensions are proposed.
- The First Taxing District of the City of Norwalk notes that additional pumping stations may be needed to serve portions of its ESA. The District has many decades of experience operating its existing pumping stations and six pressure zones.
- The Town of Goshen notes that it has experience operating small non-community systems, and that expansion of such systems is not anticipated. Any additional areas would be served via new systems created through the CPCN process.

- Heritage Village Water Company will evaluate the need to upgrade facilities such as storage tanks and pumping stations as part of any development proposal that requires a main extension. The existing system includes elevation changes, pressure zones, storage tanks, and pumping stations, so the company has experience operating a system with multiple zones.
- The Town of Morris has not evaluated the infrastructure needs associated with potential system expansion. The Town has experience owning small systems, but not large systems with multiple pressure zones.
- The Town of New Hartford has experience owning and overseeing the operation of its existing system. The Town retains a contract operator to provide technical capacity.
- The Town of Sharon has experience owning and overseeing the operation of its existing system. The Town retains a contract operator to provide technical capacity.
- South Norwalk Electric & Water notes that expansion of the existing system could be performed with limited system improvements. Any extensive improvements could be provided through developer or property owner funded projects. The existing system has multiple pumping stations, storage tanks, and pressure zones such that the utility has experience operating a system with multiple zones.
- Torrington Water Company was formed in 1873 and operates an extensive distribution system with storage tanks, pumping stations, a filtration plant, and pressure reducing valves. The company has significant experience in the operation of a large water system. The company also has experience with satellite operations from its contract to operate the Town of New Hartford water system. Torrington Water Company has implemented a study to evaluate and reduce disinfection byproduct concentrations at the extremities of the system.
- The City of Waterbury does not anticipate that new infrastructure would be needed to serve its proposed ESA. The City has extensive experience operating its system. The existing water treatment plant feeds the system via a gravity main and two high service mains, and there are numerous pumping stations and water tanks. The City notes that it does not have experience operating small water systems.
- Winsted Water Works has been in existence since 1860, and employees have significant experience operating the system which currently has multiple pressure zones. Expansion of the system above elevation 930 feet may need pumping stations, and any significant expansion may require new storage tanks. Any new dead ends and low flow areas may require flushing or disinfection byproduct evaluation.
- Wolcott Water Department has been in operation for 29 years, and notes that higher elevations in town may require pumping stations and storage tanks to serve.

2.5.7 Ability to Provide a Pure and Adequate Supply of Water Now and Into the Future

RCSA 25-33h-1(d)(B)(ii)(gg) requires that the Western WUCC consider the ability of a water system to provide a pure and adequate supply of water now and into the future when determining ESA boundaries. This ability is briefly described below, separated into subsections for each declarant:

Aquarion Water Company

AWC has extensive technical, managerial, and financial experience operating small water systems, as the company currently owns and operates over 50 satellite systems throughout Connecticut. AWC would own and operate any new community public water systems throughout its proposed ESA. The company is divided into Supply Operations, Utility Operations, Engineering and Planning, and Water Quality Departments, each with Directors empowered to make quick decisions during emergency events.

The Engineering and Planning Department, in particular, has multiple employees with experience in long-term planning of infrastructure assets. The company maintains capital funding for emergency repairs and devotes a substantial capital budget for long term asset replacement, as well as having the ability to retain experienced consultants to design and implement repairs.

AWC has a comprehensive source protection program administered by its Watershed and Environmental Management Department. Elements of the program include regular watershed sanitary inspections, regular monitoring of source water area activities and conditions, review of proposed land use and development changes with regulatory agencies, emergency spill response procedures, and coordination with state and local authorities for remediation activities. When water quality complaints are received from customers, they are referred to the Product Quality Team for review in an attempt to determine their cause and implement any potential actions to minimize future complaints.

Town of Bethlehem

The Town of Bethlehem currently owns and operates two small TNC systems in central Bethlehem. There have been no water quality complaints or water quality or reporting violations over the past few years. The Town of Bethlehem's current protection program is limited to the protective radii enforced around its existing wells.

The Town would need to demonstrate technical, managerial, and financial capacity through the CPCN process to support any significant system expansion or conversion of the system to a CWS. The Town indicates that it may engage the services of a contract operator to provide technical capacity to such a system, and that financial capacity would be included in the annual town budget and through a capital nonrecurring fund.

Connecticut Water Company

CWC has experience operating small water systems, as the company operates satellite systems throughout the state. DPH and PURA have determined that CWC has the technical, managerial, and financial capacity to operate a public water system in numerous dockets related to system acquisitions. CWC expects to own and operate any new community public water systems in its ESA provided they are constructed in accordance with CWC design criteria and state regulatory criteria. CWC maintains sufficient capital for emergency repairs, long-term asset maintenance, and infrastructure improvements.

CWC conducts and aggressive, multifaceted source protection program covering all towns in which its water supplies and associated watershed/aquifer areas are located. The source protection program includes land use monitoring; on-site field inspections; local, regional, state, and federal planning; and emergency spill response.

According to CWC, PURA's Consumer Services unit received 26, 27, and 27 complaints regarding CWC in 2013, 2014, and 2015, respectively. Complaints were primarily related to meter testing, billing, termination of service, and general. In the past two years, CWC incurred 2 monitoring violations for its systems in its proposed ESA designation in the Western PWSMA.

First Taxing District of the City of Norwalk

The First Taxing District of the City of Norwalk has extensive experience operating its large system over the past 140 years, but no experience with small satellite systems. Managerial capacity is provided by oversight of its General Manager and supervisory staff. Financial capacity is provided through available capital funding for emergency repairs, capital improvement planning and budgeting, funding through water rates and bonding for capital improvements, and available financing to retain contractors and consultants to design and implement repairs.

The First Taxing District of the City of Norwalk relies on the local Aquifer Protection Agency to protect groundwater near its wells, and notes that the land around its surface water supply is zoned for larger lot sizes. District staff regularly monitor the watershed. The District notes that it receives periodic customer complaints about low water pressure which are typically due to plugged customer services. Periodic water quality complaints are resolved by flushing. The District is not aware of any water quality or reporting violations over the past two years.

Town of Goshen

The Town of Goshen currently relies on its zoning to protect water sources. Development is tightly controlled by Zoning and Wetlands regulations. Aquifer protection areas in town are managed by the Inland Wetlands and Watercourses Commission. The Town indicates that it has managed all its existing systems for many years without substantive issues. There have been no water quality complaints or water quality or reporting violations over the past few years. The Town indicates that it may engage the services of a contract operator to provide technical capacity to new water systems created under the CPCN process, and that financial capacity is provided by the municipality's ability to bond.

Heritage Village Water Company

As noted above, Heritage Village Water Company has experience operating a large public water system. Managerial capacity is provided by the General Manager who is responsible for supervision of all water operations. Financial capacity is provided by revenue from sales of water and, in some cases, bank financing.

Heritage Village Water Company had a consultant perform a records review for potential contamination in the Pomperaug River Watershed to identify sources of pollution. The company's source protection program includes Level A Aquifer Protection Area mapping with local enforcement. The company did not have any water quality or monitoring violations in 2014 or 2015.

Town of Morris

The Town of Morris currently owns a small system in Morris. Monitoring of the water system is contracted to a third party, and the Town will evaluate ownership/operation of any new systems as the need arose. Managerial capacity is provided by the First Selectman who can make all needed decisions at a moment's notice. Financial capacity is provided by the Town's 5-year infrastructure plan and the current fund balance and contingency funding available for emergency repairs. There have been no water quality complaints or water quality or reporting violations over the past few years.

Town of New Hartford

The Town of New Hartford owns a large community water system. Technical capacity for the water system is provided by a contract operator, with managerial and financial oversight provided by the New Hartford WPCA.

Town of Sharon

The Town of Sharon owns and operates a small community water system serving approximately 800 people. Technical capacity is provided by a contract operator, and managerial and financial oversight has been provided by the Sharon Sewer and Water Commission since 1972.

South Norwalk Electric & Water

South Norwalk Electric & Water has extensive experience operating its large water system, but notes that it does not have experience operating small satellite systems. Technical capacity includes source protection, supply operations, water treatment and distribution system operations and maintenance, cross-connection control, meter reading, customer billing, and customer service. Managerial capacity is provided through its General Manager, directors, managers, and supervisors overseeing its Water Operations, Customer Care, and Finance & Services departments. Financial capacity is provided through available capital funding for emergency repairs and capital budgeting for long term asset replacement. Water rates and bonding are used to finance system improvements and capital improvements. Sufficient financing is available to retain consults and contractors to design and implement repairs.

The source protection program for South Norwalk Electric & Water includes a multi-tiered approach including watershed property inspections, water quality sampling, forestry management, security fencing, and involvement in local land use planning and spill preparedness. Typical customer complaints over the past three years involve occasional discolored water or low pressure due to distribution system breaks, taste and odor complaints due to seasonal algae, or high bills which are typically due to customer leaks. South Norwalk Electric & Water is not aware of any water quality monitoring or reporting violations in the past two years.

Torrington Water Company

Torrington Water Company has operated its system for nearly 140 years and has certified operators on staff. The company will own and operate any new system. Torrington Water Company is regulated by PURA and DPH. The President and Vice President report to a Board of Directors who approve a capital

expenditure plan annually, and the company maintains a long-term asset management plan. The company maintains sufficient capital to contract with engineering consultants when necessary.

Torrington Water Company conducts annual watershed inspections of 52 locations in the watershed. The company owns more than 70% of its watershed and keeps it in a forested condition. The company also maintains a program to purchase watershed land when it becomes available. The watershed currently has no paved roads, no gas pipelines, and no industrial or commercial facilities. The company employs a full-time forester and watershed manager who performs routine monitoring.

Torrington Water Company reports that it receives approximately 80 customer complaints per year. When complaints are received a work order is issued to investigate. The majority of complaints are for high bills which are often found to be caused by customer leaks or a leaky meter. Other complaints include taste, odor, color, and pressure which are typically associated with water main breaks. The company has not had any water quality or reporting violations over the past two years.

City of Waterbury (Bureau of Water)

The City of Waterbury has sufficient technical capacity to operate its existing large water system through its certified operators and experienced staff, along with its contracted company operating the water treatment plant. Managerial capacity is provided via oversight by the Mayor, with direct supervision provided by the Water Superintendent, foremen, and engineers. Financial capacity is provided via the system being fully funded via water rates, including a capital budget for repairs and maintenance, and access to the City's capability to obtain long term bonding for capital improvements and repairs.

The source protection program of the City of Waterbury includes an annual watershed survey, daily patrols of all watershed property, and constant interaction with local, state, and federal law enforcement agencies. The City reports that it receives approximately 75-100 complaints per year, primarily related to dirty water associated with main breaks or flushing. The City was not aware of any water quality or reporting violations over the past two years.

Winsted Water Works

Winsted Water Works has been owned and operated by the Town and its predecessors for over a century, and Winsted Water Works has licensed operators and maintainers on staff to provide day to day operations and maintenance. The Director of Public Works provides direct managerial supervision, with oversight being provided by the WPCA. Critical staff is accessible in multiple ways for emergency response, with most repairs being able to be performed by employees. An on-call contractor is available if additional equipment, labor, or materials are needed. Capital improvement plans are updated on a monthly basis. Financial capacity is provided through an emergency repair account with long-term capital needs funded by a revolving bond. Sufficient capital is available to retain engineering firms to perform design contractors to perform repairs. Winsted Water Works retains an engineering consultant to conduct a formal watershed inspection each year, and employees are constantly monitoring the watershed.

Wolcott Water Department

Wolcott Water Department has been operated by the town for 29 years. Managerial capacity is provided by Water Department staff overseen by the Sewer & Water Commission. Decisions can be

made immediately during emergencies. Financial capacity is provided by water revenue from customers and infrastructure planning is performed through a capital improvement budget.

Source water protection for Wolcott Water Department is provided by the City of Waterbury. There have been few complaints related to water quality over the past few years, and these have been due to discolored water during flushing events. Wolcott Water Department notes that it has not had any water quality or monitoring violations over the last two years. Although the department was under a consent order with DPH in recent years to address disinfection byproducts, a corrective action plan was developed and Wolcott notes that it has been very aggressive in reducing disinfection byproduct formation.

2.6 Potential Cost of Water Service to Future Residential Customers

Table 2-9 presents the potential annual cost of water service to a residential connection (family of four) using the design standard of 109,500 gallons per year (75 gallons per person per day), equally distributed throughout the year, and via a 5/8-inch meter, for each ESA holder in the Western PWSMA who was assigned an ESA designation for areas currently unserved by public water service. Estimated residential costs of service for existing utilities that are not ESA holders for presently unserved areas are not included on Table 2-9. Note that for many households, the actual water use is less than 75 gallons per person per day. Use of the design standard provides a point of comparison of potential water use cost across the region by ESA holder.

**TABLE 2-9
 Potential Annual Cost of Residential Water Service in Currently Unserved Areas, by Town**

Geographic Area	ESA Holder for Unserved Area	Annual Cost for 109,500 Gallons of Water Per Year, via 5/8" Meter, Equally Distributed Throughout the Year	Source
Ansonia	SCCRWA	\$806.76	ESA Declaration Form
Barkhamsted	Winsted Water Works Unassigned	\$882.66 -	2014 Rates & December 2016 increase -
Beacon Falls	Aquarion Water Company Connecticut Water Company	\$774.45 \$990.04	AWC Website – Eastern Division Rates CWC Website – CT Water Division Rates
Bethel	Aquarion Water Company Bethel Water Department	\$840.59 \$778.04	AWC Website – Eastern (United) Rates Bethel Water Department 2016 Rates
Bethlehem	Aquarion Water Company Town of Bethlehem	\$774.45 -	AWC Website – Eastern Division Rates Does not sell water
Bridgeport	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Bridgewater	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Bristol	Bristol Water Department	\$445.95	Bristol Water Department 2016 Rates
Brookfield	Aquarion Water Company	\$774.45	AWC Website – Eastern Division (Brookfield) Rates
Burlington	Bristol Water Department Connecticut Water Company Torrington Water Company	\$445.95 \$990.04 \$717.98	Bristol Water Department 2016 Rates CWC Website – CT Water Division Rates Torrington Water Company website
Canaan	Unassigned	-	-

**TABLE 2-9
Potential Annual Cost of Residential Water Service in Currently Unserved Areas, by Town**

Geographic Area	ESA Holder for Unserved Area	Annual Cost for 109,500 Gallons of Water Per Year, via 5/8" Meter, Equally Distributed Throughout the Year	Source
Cheshire	SCCRWA	\$806.76	ESA Declaration Form
Colebrook	Unassigned	-	-
Cornwall	Aquarion Water Company Unassigned	\$774.45 -	AWC Website – Eastern Division Rates -
Danbury	Danbury Water Department	\$295.24	2013 Tighe & Bond Rate Survey
Darien	Aquarion Water Company	\$774.45	AWC Website – Southern Division Rates
Derby	SCCRWA	\$806.76	ESA Declaration Form
Easton	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Fairfield	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Goshen	Town of Goshen	-	Does not sell water
Greenwich	Aquarion Water Company	\$774.45	AWC Website – Southern Division Rates
Hartland	Unassigned	-	-
Harwinton	Connecticut Water Company Torrington Water Company	\$990.04 \$717.98	CWC Website – CT Water Division Rates Torrington Water Company website
Kent	Aquarion Water Company Unassigned	\$774.45 -	AWC Website – Eastern Division Rates -
Litchfield	Aquarion Water Company Unassigned	\$774.45 -	AWC Website – Eastern Division Rates -
Middlebury	Aquarion Water Company Connecticut Water Company (depending on location)	\$774.45 \$990.04 \$716.92	AWC Website – Eastern Division Rates CWC Website – CT Water Division Rates CWC Website – Middlebury Rates
Monroe	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Morris	Town of Morris	-	Does not sell water
Naugatuck	Connecticut Water Company	\$990.04	CWC Website – CT Water Division Rates
New Canaan	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
New Fairfield	Aquarion Water Company Town of New Fairfield	\$774.45 \$1,314.00	AWC Website – Eastern (Rural) Rates WPCA Water Rates and Charges 2/2017
New Hartford	Connecticut Water Company Town of New Hartford WPCA Torrington Water Company	\$990.04 \$989.42 \$717.98	CWC Website – CT Water Division Rates Town of New Hartford 2015 rates Torrington Water Company website
New Milford	Aquarion Water Company	\$840.59	AWC Website – Eastern (United) Rates
Newtown	Aquarion Water Company	\$840.59	AWC Website – Eastern (United) Rates
Norfolk	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
North Canaan	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Norwalk	First Taxing District of the City of Norwalk	\$406.90	First Taxing District website
	South Norwalk Electric & Water	\$498.84	South Norwalk Electric & Water website
Oxford	Aquarion Water Company Connecticut Water Company Heritage Village Water Company	\$774.45 \$990.04 \$433.24	AWC Website – Eastern Division Rates CWC Website – CT Water Division Rates Heritage Village Water Company 2015 rates

**TABLE 2-9
 Potential Annual Cost of Residential Water Service in Currently Unserved Areas, by Town**

Geographic Area	ESA Holder for Unserved Area	Annual Cost for 109,500 Gallons of Water Per Year, via 5/8" Meter, Equally Distributed Throughout the Year	Source
Plymouth	Connecticut Water Company	\$990.04	CWC Website – CT Water Division Rates
Prospect	Connecticut Water Company	\$990.04	CWC Website – CT Water Division Rates
Redding	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Ridgefield	Aquarion Water Company (rates vary by location)	\$774.45 \$646.66	AWC Website – Eastern Division Rates AWC Website – Western Division Rates
Roxbury	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Salisbury	Aquarion Water Company Unassigned	\$774.45 -	AWC Website – Eastern Division Rates -
Seymour	Aquarion Water Company SCCRWA	\$774.45 \$806.76	AWC Website – Eastern Division Rates ESA Declaration Form
Sharon	Town of Sharon Unassigned	\$865.63 -	2003 Adopted Rates Current in 2017 -
Shelton	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Sherman	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Southbury	Heritage Village Water Company	\$433.24	Heritage Village Water Company 2015 rates
Stamford	Aquarion Water Company	\$646.66	AWC Website – Western Division Rates
Stratford	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Thomaston	Connecticut Water Company	\$990.04	CWC Website – CT Water Division Rates
Torrington	Torrington Water Company	\$717.98	Torrington Water Company website
Trumbull	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Warren	Unassigned	-	-
Washington	Aquarion Water Company Unassigned	\$774.45 -	AWC Website – Eastern (Judea) Rates -
Waterbury	City of Waterbury	\$375.70	Waterbury Bureau of Water website
Watertown	Unassigned	-	-
Weston	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Westport	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Wilton	Aquarion Water Company	\$774.45	AWC Website – Eastern Division Rates
Winchester	Winsted Water Works	\$882.66	2014 rates & December 2016 increase
Wolcott	Town of Wolcott	\$669.42	Wolcott Water & Sewer Comm. minutes
Woodbury	Aquarion Water Company Watertown Fire District	\$840.59 \$769.04	AWC Website – Eastern (United) Rates Watertown Fire District 2015 rates

In general, rates for service provided by extension of existing systems would match existing rate schedules, as modified by PURA or the municipality from time to time. Note that for private water utilities, rates for any newly constructed or acquired satellite system would be determined by PURA on a case-by-case basis.



3.0 EXCLUSIVE SERVICE AREA RIGHTS AND RESPONSIBILITIES

3.1 Overview of Rights and Responsibilities

The regulations concerning coordinated water system plans [Public Act 85-535 and RCSA 25-33h-1(k)(2)] stipulate that "water utilities are responsible for providing adequate services as requested by consumers and under terms otherwise provided by statute, regional, and ordinance with their exclusive service area boundaries within a reasonable time frame" and that "this may include but not be limited to development of supply sources, main extensions, or satellite management." The responsibility implied by the statement is indeed broad, and thus, the degree of commitment and procedures for serving a new customer within an exclusive service area need to be clearly defined. The remainder of this section addresses the issue.

The manner in which a public water supplier can serve new customers in its ESA can be via main extension or through satellite management, either on an interim basis until a main extension is provided (for non-community systems) or on a permanent basis (for community systems). In all situations, the capital facilities installed must meet the design criteria set forth by the appropriate minimum design standards identified in state law, state regulation, and utility regulations. These may include, but are not limited to, standards for pipe sizing and materials, treatment to meet water quality, system storage, fire hydrants, and other pertinent factors. Depending on the type of system, the satellite management approach does offer some degree of latitude in that the ESA holder may install, own, operate, and maintain the facilities required to service the new customer (typically required for community systems); or the new customer may actually install and own the facilities, with the designated public water supplier providing operation and maintenance services and/or fiscal management.

The Connecticut DPH expects that each public water supplier designating an ESA beyond the boundaries of its existing system will set forth the manner in which it plans to service this area in its individual *Water Supply Plan*. Current information on this topic for new ESA holders in the Western PWSMA is included in Section 2.5 based on existing *Water Supply Plans* and the ESA Declaration forms. This information will provide a starting point for the analysis to be undertaken in the Integrated Report.

Each ESA holder will be required to include planning for its ESA and provide detail regarding future service area boundaries for the 5-, 20-, and 50-year planning periods as part of the Integrated Report. Future Individual *Water Supply Plans* and updates will need to identify those areas in which service by main extension is anticipated for each respective planning period, as well as those areas in which satellite management is envisioned. A clearly delineated plan that has been approved by Connecticut DPH not only helps a water utility inform potential customers of the water supply contingencies of a proposed building project but also serves to protect the public water supplier from unreasonable demands in responding to the regulatory criterion of serving new customers in its ESA "within a reasonable timeframe."

In summary, a public water supplier's ESA designation gives it the right to provide service to new customers within its designated ESA; however, an ESA also includes a responsibility to serve future customers and to clearly define in the public water supplier's *Water Supply Plan*, prepared pursuant to CGS Section 25-33d, the manner in which the public water supplier intends to serve these future

customers. Until such time as ESA boundaries are revised by an update of the coordinated water system plan or an amendment is approved by the Western WUCC, each public water supplier assumes the responsibility for providing adequate service with a reasonable time frame in its respective ESA boundaries as requested by consumers.

3.2 Specific Rights and Responsibilities of the Exclusive Service Area Holder

Numerous statutes and regulations are pertinent to ESA holders for currently unserved areas. These are broken down into categories by the size of the proposed development as presented below. **ESA holders are cautioned that these statutes and regulations may change in the future such that the ESA holder should review the applicable statutes and regulations when necessary.**

Service to New Developments That Would Not Create a New Public Water System

Developments that provide water service to less than 25 people or less than 15 service connections typically utilize private water supply systems. Such systems typically consist of a well, storage, and potentially treatment prior to distribution. A well drilling permit is required from the local health department in order for a new well to be constructed.

RCSA Section 19-13-B51m(b) states that no water supply well permit shall be given by the local director of health to premises used for human occupancy, or to non-residential premises where the water may be used for human consumption, when a community water supply system is within two hundred feet, measured along a street, alley, or easement of the proposed water supply. The Commissioner of DPH may grant an exception to this regulation upon a finding that such exception will not adversely affect the purity and adequacy of the supply or the service of the system, or it is determined that either the community water system is unable to provide such premises with a pure and adequate supply of water, or if construction problems require such an exception.

For an ESA holder, this regulation is applicable to new developments where a new public water system would not be needed, such as a new home. **In general, an ESA holder for a currently unserved area is expected to provide service to a new development within 200 feet of its existing system via a main extension.** Typically, the builder is required to make the full investment required for system expansion. In situations where a development is located within 200 feet of a community system but the development is located in another ESA, agreements for service are typically reached between the two providers.

For smaller CWSs whose ESA is coterminous with their existing service area, such expansion may not be feasible as the small CWS may not be technically, managerially, or financially capable of supporting such an expansion. For example, a homeowners' association typically does not have the authority to serve homes outside of its association boundary. **The ESA holder should discuss the feasibility of service by the smaller CWS as part of its review of the development proposal.** Similarly, there may be times when the ESA holder does not believe that it is appropriate to extend service, such as when the development within 200 feet is located outside of its ESA. In general, the Western WUCC is the appropriate forum to discuss and resolve situations that are less straightforward.

RCSA Section 16-262m-1(d) defines "expansion" of a community water system to mean a 5% increase in the number of service connections to be served by a community water system above the number allowed under an existing certificate or permit issued by PURA and DPH, or a 5% increase in the number

of service connections to be served by a community water system above the number served as of the effective date of the regulations (September 25, 1987). This requirement is for CWSs with less than 250 service connections. **In the event that the new service connections would exceed the 5% threshold, a CPCN or DPH permit may be required of the ESA holder.**

Finally, RCSA 22a-377(b)-1(a)(5) authorizes an ESA holder to extend distribution mains and maintain or expand service within its exclusive service area without a water diversion permit provided that the quantity of water withdrawn from any source does not exceed the quantity authorized pursuant to any applicable permit or registration filed under CGS Section 22a-368.

Service to New Public Water Systems

When a developer proposes a project that may result in the creation of a new public water system, the statutes and regulations encourage an interconnection (i.e., main extension) from an existing public water system to serve the project. RCSA Section 16-262m-1(b) defines a "feasible interconnection" as the extension of any utility's water mains to serve what would otherwise be a new community public water system if the developer's investment for such extension, including service connections and appurtenances, is less than \$5,000 (construction costs only) per dwelling or office unit and if there are sufficient supply and storage facilities to accommodate the anticipated demand available from the existing utility. If there is insufficient supply and storage available from the existing utility, the cost of developing such facilities may be included in the water main extension proposal.

RCSA Section 16-262m-1(b) provides economy of scale for main extensions to serve new developments. Small developments that are close to the ESA holder would typically be deemed feasible to be served by a main extension while small developments further afield may not be. On the other hand, a larger development further from the existing system could potentially be deemed feasible to serve per the regulation. In practice, feasibility typically is determined by the developer in terms of the cost to develop a satellite system as opposed to the cost to develop a water main extension, including additional benefits such as fire protection, any project layout advantages, and marketability. In some cases, the main extension is estimated to cost more than the satellite system, but that becomes the selected mode of service. **Utilities may voluntarily choose to contribute to the cost based on anticipated revenues and convenience of service.**

In the event that a main extension is deemed infeasible, a new public water system would need to be constructed to serve a proposed development. When the proposed development would result in the creation of a community water system, CGS Section 16-262m(c) requires that **the ESA holder own and operate the new community water system**. The ESA holder may retain satellite management services for the system if desired as authorized by CGS Section 16-262r. Satellite management services, as defined under CGS Section 16-262r(a), may include any of the following services: operation, maintenance, administration, emergency and scheduled repairs, monitoring and reporting, billing, operator training, and the purchase of supplies and equipment.

When the proposed development would result in the creation of a non-community water system, CGS Section 16-262m(e)(1)(C) states that (emphasis in **bold** added):

"ownership of the system will be assigned to the provider for the exclusive service area...if agreeable to the exclusive service area provider and the Department of Public Health, or may remain with the applicant, if agreeable to the Department of Public Health, until such

time as the water system for the exclusive service area...has made an extension of the water main, after which the applicant shall obtain service from the provider for the exclusive service area."

Based on CGS 16-262m(e)(1)(C), **ESA holders have a "right of first refusal" regarding ownership of new non-community public water systems within their ESA.** While this may seem contrary to the intent of being an ESA holder, there are myriad technical, managerial, financial, and political reasons why an ESA holder may not wish to own and operate a non-community system. For example, many non-community systems are small businesses. A municipal ESA holder may not want to demonstrate a potential conflict of interest by owning a public water system on one business's private property, thereby having a vested interest in the viability of that business but not providing such service for other businesses. On the other hand, a municipal ESA holder would have a vested interest in owning non-community water systems associated with its town facilities, such as local schools, town hall, library, senior center, and recreation facilities. This statute provides ESA holders the ability to make sound decisions regarding new non-community systems.

Furthermore, CGS Section 16-262m(e)(1)(C) requires that new non-community systems within an ESA that are not owned by the ESA holder be, in essence, conditionally approved. **Once the ESA holder extends a water main to the property, the non-community water system is required to abandon its system and connect to the water main.** As this condition of approval may come into play many years after approval of the non-community system, diligent recordkeeping by the ESA holder is necessary.

Finally, when an ESA holder opts not to own a new public water system, **the new water system will need to receive an ESA designation coterminous with its service area.** CGS Section 25-33i states that the WUCC may be called upon to recommend approval of the creation of such a new system. Modification of the ESA boundary must be performed in accordance with the Western WUCC Bylaws and ESA Modification Procedures in the Western WUCC Work Plan.

Service to Existing Public Water Systems

An ESA holder may be asked by another water system, or by Connecticut DPH or PURA, to interconnect with other existing public water systems either to provide service or to provide supply redundancy. In the event that another public water system requests or requires full or partial service, the water system being served may either act as a consecutive water system, an interconnected system, or may be consolidated into the ESA holder's system.

A consecutive water system is a system that obtains all of its water supply from another public water system. This type of interconnection requires a General Application for Approval or Permit from DPH, a Sale of Excess Water Permit from DPH, and potentially a water diversion permit from Connecticut DEEP if the transfer of water from one distribution system or service area (or ESA) is greater than 50,000 gallons in any 24-hour period [RCSA 22a-377(b)-1(a)(6)]. Similarly, an interconnected system would require the same approvals, but the system would retain its sources of supply. Consolidation of public water systems often requires a CPCN based on the number of new service connections added as defined in RCSA Section 16-262m-1(d) discussed above.

Much discussion has occurred during WUCC meetings regarding the relationship between ESA designations and the responsibility of the ESA holder associated with being required to take over failing utilities that may abut or be encompassed by a designated ESA. Public Act 85-535 clearly states that in

establishing ESA boundaries the WUCC shall "allow utilities to maintain existing service areas." Therefore, the WUCC believes that the delineation of an ESA that happens to abut or encompass the ESA of another utility does not carry any form of responsibility to provide service to an abutted or encompassed utility in the event of failing service. Note, however, that CGS Sections 16-262n through 16-262q, inclusive, and CGS Section 16-262s discuss takeover of economically unviable water companies. Per CGS Section 16-262o(a), PURA may order the acquisition of a water company by another water company. As ESA holders are typically considered to have the financial, managerial, and technical resources to operate a water company, they are likely to be ordered and/or requested by state agencies to acquire unviable water systems within or near their ESA boundary. The statutes discuss various methods of compensation to offset the cost of the acquisition to the acquiring company over time. A utility so ordered by PURA to provide this service has the right of appeal but has little recourse if PURA denies the appeal.

Other Responsibilities

RCSA 25-33h-1(k)(4) requires that all individual public water supply plans submitted pursuant to CGS Section 25-32d be consistent with all applicable approved coordinated water system plans. RCSA Section 25-32d-2 requires each water company supplying water to 1,000 or more persons or 250 or more customers, and any other water company requested by the commissioner, to submit a water supply plan for approval. Based on this statute, **DPH may request that ESA holders submit a water supply plan even if they do not meet the numerical thresholds.**

3.3 Overview of the Certificate of Public Convenience and Necessity Process

The establishment of ESA designations for areas unserved by public water systems is designed, in part, to control the proliferation of new public water systems with inexperienced owners and to encourage procedures for the creation of well-run, properly managed public water systems. In general, the creation of any new public water system represents the final option for water supply for a previously unserved area, and any new such system must be consistent with the area's coordinated water system plan. Once approved for creation, a new public water system must be designed in conformance with the relevant minimum design standards and other pertinent criteria. **ESA holders are again cautioned that these statutes and regulations may change in the future, such that review of the applicable statutes and regulations is necessary while reviewing any potential CPCN project.**

CGS Section 8-25a and RCSA Section 16-262m-4(c) require that any development that will result in the creation of a new water company, incorporated on or after October 1, 1984, not be approved by a planning commission or combined planning and zoning commission unless such company has been issued a CPCN per CGS 16-262m. If such a development is approved without the CPCN being issued to the water company, the municipality becomes responsible for the operation of the water company. The exception was any noncertified water companies that supply more than 250 service connections or 1,000 people between October 1, 1984, and September 30, 1998. As such, local officials have a statutory impetus to direct developers into the CPCN process.

When a developer builds a new project, the developer must contact local officials to obtain the necessary permits for the project. During that initial review, local health directors and planning and zoning commissions flag any projects that may result in the creation of a new public water system. If the developer is not already aware that public water service will be provided by a service connection to

an existing public water system, the developer is directed to the DPH website² for the CPCN process and advised to submit a Public Water System Screening Form. This one-page form allows DPH to determine if a new public water system could be created by the project and what type of public water system (community, NTNC, or TNC) would be created.

DPH responds to the property owner or legal contact person and advises them of the type of system that may be created, the location of nearby water utilities, and the ESA holder, if any. The developer is advised to begin the CPCN application process by conducting outreach to the ESA holder. The ESA holder must consider the feasibility of how to own and provide service to the new system as discussed in Section 3.2 above. The ESA holder may opt out of providing ownership of new non-community water systems (and to a lesser extent per the regulations discussed below, community water systems), allowing the developer the chance to discuss ownership with other water utilities or to request that the system is operated by the eventual development.

In the event that a public water system is proposed where there is no ESA holder (the ESA is unassigned), the DPH will inform the Western WUCC of the proposed new system. RCSA 25-33h-1(k)(3) states that "no public water supply system may be approved within a public water supply management area after the commissioner has convened a WUCC unless an existing public water supply system is unable to provide water service or the WUCC recommends such approval." The WUCC may provide assistance to the developer by helping to identify potential entities willing to own and operate the eventual system, or may vote to allow such system to be established by DPH provided the required technical, managerial, and financial capacity is demonstrated.

RCSA Section 16-262m-4(a) identifies the options available to the developer when a main extension to a proposed community water system is not feasible and no existing regulated public service or municipal utility or regional water authority is willing to expand to, or own, the final constructed water supply facilities as a non-interconnected satellite community water system. The options must be pursued in the order presented:

1. If an existing regulated public service or municipal utility or regional water authority is willing to provide satellite ownership and management services to the community water system but is unable to meet all the design criteria and/or technical, managerial, and financial qualifications criteria in RCSA Sections 16-262m-8 and 16-262m-9, respectively, DPH and/or PURA may waive specific criteria in writing if it is deemed to be in the best interest of the public affected.
2. The applicant may withdraw the application and request the municipality to determine if the local zoning requirements will permit individual wells. If so, the developer may change the configuration of the project to accommodate individual wells. This option is always available to a developer.
3. The applicant may continue forward with the application by providing information required under RCSA Section 16-262m-9 regarding the eventual entity's technical, managerial, and financial resources to adequately operate the proposed water supply system in a continuous, safe, and efficient manner. The applicant may demonstrate that they will retain the services of a contract operator to provide satellite management services as part of meeting the burden of proof. Certified operators are required to operate community and NTNC public water systems.

² Currently, <http://www.ct.gov/dph/cwp/view.asp?a=3139&q=387326>

A certified operator is highly recommended by DPH for operation of a TNC water system but is not required.

DPH administers the CPCN process. RCSA Sections 16-262m-1 through 16-262m-9, inclusive, govern the CPCN process for creation of new community water systems. The CPCN process for non-community water systems is governed solely by CGS Section 16-262m(e) although the application phasing is similar for both types of systems. **The ESA holder is allowed to require design criteria exceeding the minimums established by state statute and regulation, but such criteria should be formalized in written format and provided to the developer at the onset of the CPCN process.** There are three phases to the CPCN process as outlined in RCSA 16-262m-1(e). These are described below:

- Phase I-A of the CPCN process grants the developer approval of proposed well sites and permission to obtain the well drilling permits from local health departments. Issuance of approval of Phase I-A indicates that DPH has determined that a main extension to an existing system is not feasible (for new water systems only) and that there will be no duplication of water service of other existing water utilities when the project is finished. **The ESA holder is required to indicate to the developer that it is willing to own and serve the new community water system in conformance with the established coordinated water system plan with full regard for satellite ownership and management stipulations.**
- Phase I-B of the CPCN process evaluates the well yield and water quality data so that proper pump sizing, storage, and appurtenant equipment and any required treatment processes can be designed. Issuance of approval of Phase I-B allows the developer to obtain building permits from the municipality to clear the site, lay out roads, construct drainage facilities, and dig or pour the building foundations. **The ESA holder is required to sign an agreement with the developer of the water system indicating that the final constructed water supply facilities will be dedicated to that utility.** If the ESA holder is a regulated public service company, the agreement must specify any refunds that the developer may be entitled to for each service connection made to the community water system. The developer must provide an itemized breakdown of the actual costs of the water system facilities so that proper accountability and rate-making treatments (if applicable) can be provided to PURA.
- Phase II of the CPCN process designs the infrastructure of the water system, including storage, treatment, distribution, and related appurtenant equipment. Issuance of approval of Phase II allows the developer to go forward with the remainder of the project, including installation of the water distribution system and water works. Within 90 days following completion of construction, the applicant must submit as-built plans to DPH, to the owner of the water system, and to the municipality in which the project is located. **A final agreement between the ESA holder and the developer is typically signed during or following the Phase II process, which specifies the transferred components and denotes any property transfers and/or easements that may be assigned.**

It is recognized under RCSA 16-262m-3(a) that some CPCN applications (such as for a main extension or expansion of an existing system) may not require submission under all three Phases. In some cases, only the Phase II application is required.

Per RCSA 16-262m-2(i), DPH (and PURA, when applicable) must complete its review of the CPCN application phases within a regulatory time frame. Reviews of Phase I-A and Phase II applications must

be completed within 60 days of the applicant filing the required information while reviews of Phase I-B applications must be completed within 30 days of the applicant filing the required information.

Note that there is no statutory or regulatory time frame for ESA holders to respond to requests for service under the CPCN process other than "to provide service in their ESA in a reasonable timeframe" as noted in Public Act 85-535 and the WUCC regulations. **It is recommended that ESA holders provide requested information necessary for the CPCN application phases within the same time frames from the request by the applicant (or submittal of requested information) as outlined in RCSA 16-262m-2(i),** as those time frames have been deemed reasonable by the state legislature for state agencies to review an entire CPCN application phase.

3.4 Future Coordination Regarding Exclusive Service Area Boundaries

Communication, coordination, and planning efforts are an ongoing goal of the Western WUCC. The intent is that formal efforts will be augmented by an informal exchange of information and ideas among its members. Representatives of privately held public water systems are encouraged to include local municipal representatives in their system planning efforts and to take an active role in local planning issues.

In order for the region to grow in an efficient and effective manner, a strong move toward a regional coalition of ESA holders is essential. It is the desire of the Western WUCC that this coalition work together to regionally plan for new sources of supply, to share knowledge and resources, and to work together, both within and outside of the formal WUCC process, to solve the future problems facing the region. Even if growth in demand does not occur and the need for new sources of supply is not as great as projected, such a coalition group will continue to provide leadership and coordination for drinking water needs in Western Connecticut.

When an ESA holder wishes to modify its ESA boundary, the WUCC must approve such changes. These changes will also require revisions to the ESA holder's Statement of Confirmation and to the ESA boundary map on file with the Connecticut DPH. ESA boundary modifications must be performed in accordance with the procedures in the Western WUCC Work Plan hosted on the Western WUCC webpage³ on the DPH website and on file with the Secretary of the Western WUCC (currently at the Metropolitan District Commission).

In general, at least one meeting must be held by the WUCC to consider an ESA boundary modification although two are likely to be held. Per the current procedures and bylaws, any ESA boundary modification must have a public notice period where comments are sought from the public as well as any affected municipality.

An ESA holder may relinquish its claim to any part of its ESA at any time by providing notification in writing. Such an ESA modification may be performed to allow the construction of a new non-community water system when the assets of the ESA holder have been sold or transferred to another entity or when an ESA holder voluntarily releases all or part of its ESA. In the latter case, the ESA declaration process identified in the procedures in the Western WUCC Work Plan must be followed to allow new claims for the relinquished unserved areas.

³ <http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576504%20%20>

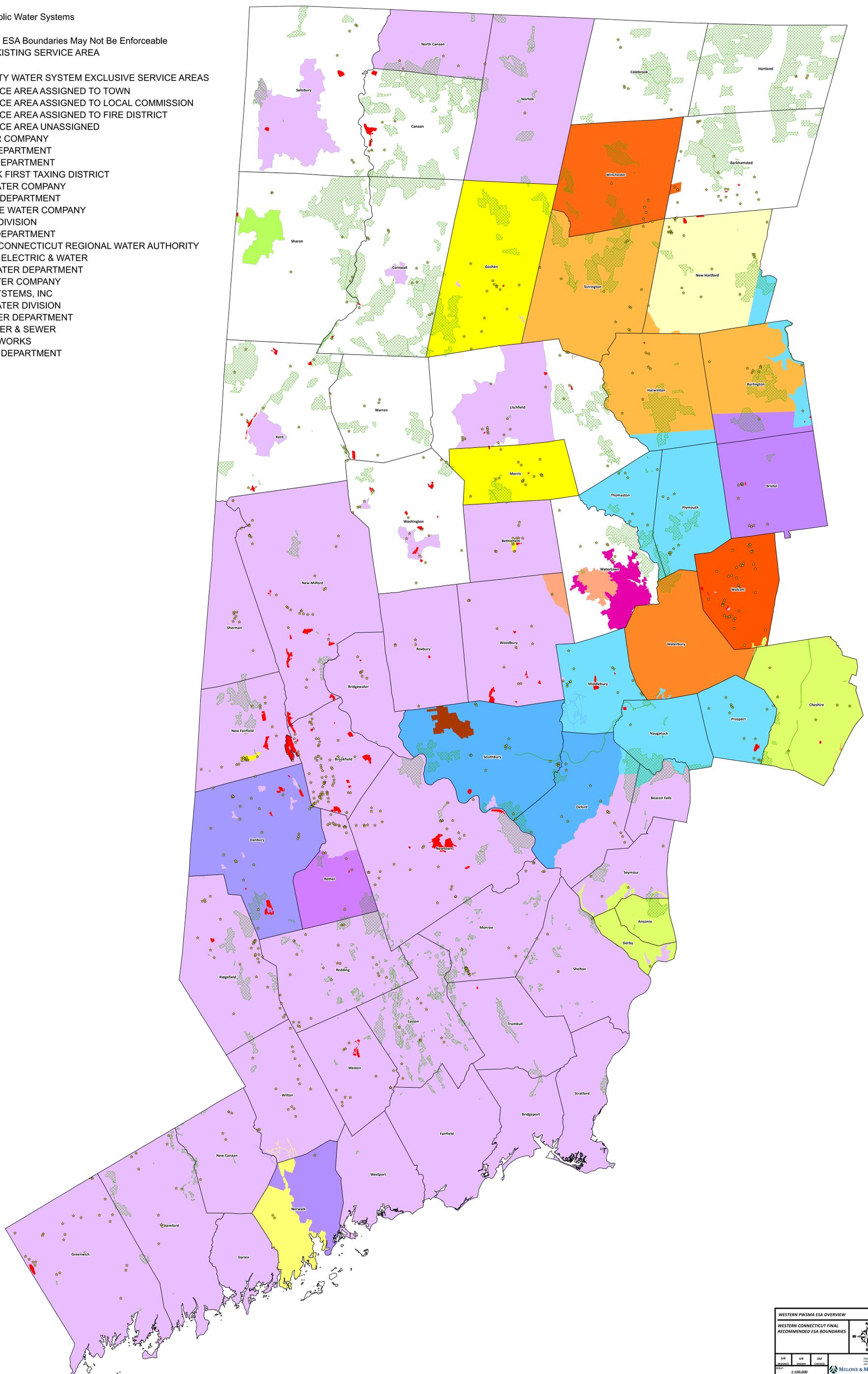
Any amendment to ESA designations must be posted to the Western WUCC webpage. Such amendments will be consolidated into future updates of the coordinated water system plan.

1017-05-04-jn817-rpt



APPENDED FIGURES

- LEGEND**
- * Non-Community Public Water Systems
 - Town Boundaries
 - ▨ DEEP Lands Where ESA Boundaries May Not Be Enforceable
 - STATE AGENCY EXISTING SERVICE AREA
- Exclusive Service Area**
- OTHER COMMUNITY WATER SYSTEM EXCLUSIVE SERVICE AREAS
 - EXCLUSIVE SERVICE AREA ASSIGNED TO TOWN
 - EXCLUSIVE SERVICE AREA ASSIGNED TO LOCAL COMMISSION
 - EXCLUSIVE SERVICE AREA ASSIGNED TO FIRE DISTRICT
 - EXCLUSIVE SERVICE AREA UNASSIGNED
 - AQUARION WATER COMPANY
 - BETHEL WATER DEPARTMENT
 - BRISTOL WATER DEPARTMENT
 - CITY OF NORWALK FIRST TAXING DISTRICT
 - CONNECTICUT WATER COMPANY
 - DANBURY WATER DEPARTMENT
 - HERITAGE VILLAGE WATER COMPANY
 - MERIDEN WATER DIVISION
 - SHARON WATER DEPARTMENT
 - SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
 - SOUTH NORWALK ELECTRIC & WATER
 - SOUTHTON WATER DEPARTMENT
 - TORRINGTON WATER COMPANY
 - VALLEY WATER SYSTEMS, INC
 - WALLINGFORD WATER DIVISION
 - WATERBURY WATER DEPARTMENT
 - WATERTOWN WATER & SEWER
 - WINSTED WATER WORKS
 - WOLCOTT WATER DEPARTMENT



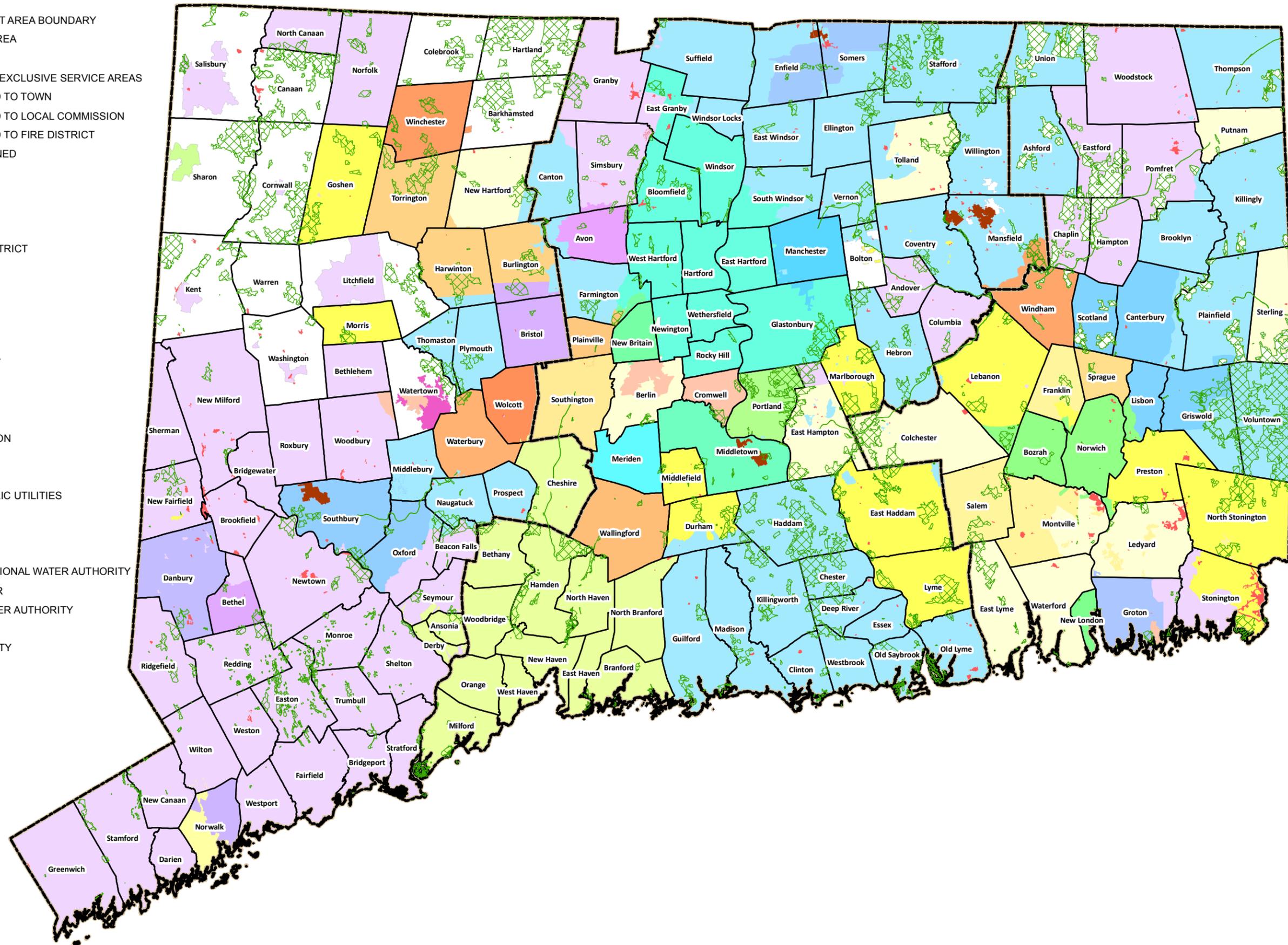
WESTERN PWSMA ESA OVERVIEW			
WESTERN CONNECTICUT FINAL RECOMMENDED ESA BOUNDARIES			DATE: 4/18/2017
			PROJECT: CT DPH, CT DEEP
SUB AREA:	SUB AREA:	DATE:	DATE:
SCALE: 1:100,000			APPENDED: FIGURE 1
PROJECT NO: 1027-05-01	99 Healy Drive Cheshire, Connecticut 06410 (860) 371-1773 Fax: (860) 371-9393 www.miloneandmacbroom.com		

Legend

-  DEEP LANDS WHERE ESA BOUNDARIES MAY NOT BE ENFORCEABLE
-  MUNICIPAL BOUNDARY
-  PUBLIC WATER SUPPLY MANAGEMENT AREA BOUNDARY
-  STATE AGENCY EXISTING SERVICE AREA

EXCLUSIVE SERVICE AREAS

-  OTHER COMMUNITY WATER SYSTEM EXCLUSIVE SERVICE AREAS
-  EXCLUSIVE SERVICE AREA ASSIGNED TO TOWN
-  EXCLUSIVE SERVICE AREA ASSIGNED TO LOCAL COMMISSION
-  EXCLUSIVE SERVICE AREA ASSIGNED TO FIRE DISTRICT
-  EXCLUSIVE SERVICE AREA UNASSIGNED
-  AQUARION WATER COMPANY
-  AVON WATER COMPANY
-  BETHEL WATER DEPARTMENT
-  BRISTOL WATER DEPARTMENT
-  CITY OF NORWALK FIRST TAXING DISTRICT
-  CONNECTICUT WATER COMPANY
-  DANBURY WATER DEPARTMENT
-  GROTON LONG POINT ASSOCIATION
-  GROTON UTILITIES
-  HAZARDVILLE WATER COMPANY
-  HERITAGE VILLAGE WATER COMPANY
-  JEWETT CITY WATER COMPANY
-  MANCHESTER WATER DEPARTMENT
-  MERIDEN WATER DIVISION
-  METROPOLITAN DISTRICT COMMISSION
-  MIDDLETOWN WATER DEPARTMENT
-  NEW BRITAIN WATER DEPARTMENT
-  NEW LONDON DEPARTMENT OF PUBLIC UTILITIES
-  NORWICH PUBLIC UTILITIES
-  PORTLAND WATER DEPARTMENT
-  SHARON WATER DEPARTMENT
-  SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
-  SOUTH NORWALK ELECTRIC & WATER
-  SOUTHEASTERN CONNECTICUT WATER AUTHORITY
-  SOUTHTONINGTON WATER DEPARTMENT
-  SPRAGUE WATER & SEWER AUTHORITY
-  TORRINGTON WATER COMPANY
-  VALLEY WATER SYSTEMS, INC
-  WALLINGFORD WATER DIVISION
-  WATERBURY WATER DEPARTMENT
-  WATERTOWN WATER & SEWER
-  WINDHAM WATER WORKS
-  WINSTED WATER WORKS
-  WOLCOTT WATER DEPARTMENT



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com



SOURCE(S):
 Town Boundaries - CT DEEP
 Exclusive Service Areas - W, C, & E WUCCS

STATEWIDE MAP OF ESA BOUNDARIES
EXCLUSIVE SERVICE AREA PROCESS
CONNECTICUT

Map By: SJB
 MM#: 1017-05-04
 MXD: Y:\1017-05\GIS\Maps\Statewide_Map.mxd
 1st Version: 03/28/2017
 Revision: 6/13/2017
 Scale: 1 in = 41,000 ft

Appended
Figure 2



APPENDIX A

WUCC CORRESPONDENCE AND SUPPLEMENTAL INFORMATION

Western Region Water Utility Coordinating Committee



October 11, 2016

WUCC Members
Consulting State Agencies
Municipal Officials
Interested Persons

RE: Notice of Commencement
Preliminary Exclusive Service Area Boundary Delineation
Western Region WUCC

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

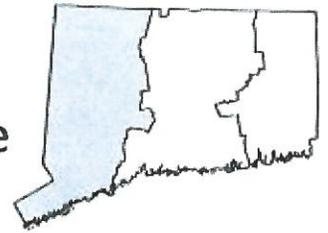
The Western Region Water Utility Coordinating Committee (WUCC) is in a two year drinking water supply planning process in the western region public water supply management area. In accordance with Section 25-33h-1(c)(6) of the Regulations of Connecticut State Agencies (RCSA), this letter is being sent to all eligible WUCC members within the western public water supply management area, Chief Administrative Officials, and other interested persons to provide notice that preliminary exclusive service area boundaries (ESAs) are being developed and of your ability to participate in the process.

The term "exclusive service area" (ESA) is defined in Section 25-33h-1(a)(5) of the RCSA as "an area where public water is supplied by one system". Existing service areas of public water systems are automatically granted the ESA for their current service area as part of this process. Functionally, an ESA boundary defines a provider, either a public water system or a municipality, who will be responsible for providing public water system service within the ESA boundary in the event that it is necessary to supply public water service. High level maps of existing ESA assignments can be found on DPH's website: http://www.ct.gov/dph/lib/dph/drinking_water/pdf/Western_WUCC_for_webpage.pdf

The Exclusive Service Area Delineation will be the second of four documents that will be created through the Western Region WUCC planning process. The ESA Delineation document will present the process used to delineate ESAs; mapping relating to existing and proposed ESAs; a list of the existing service area and/or supply agreements that exist between public water systems or localities, including charter and enabling act revisions as applicable; and a discussion of how areas are likely to be served (by main extension or via satellite systems).

The Western Region WUCC encourages participation in all stages of the WUCC process in order to receive input from all interested parties. It is important to participate in order to understand how this process, and specifically the ESA Delineation document will affect public water systems, communities, and the region. Discussion of this topic will occur at the regularly scheduled WUCC meeting to be held on November 8, 2016 at the Brookfield Town Hall; 100 Pocono Road; Brookfield, CT at 10:00 a.m. Members of the public may attend all WUCC meetings.

Western Region Water Utility Coordinating Committee



Page 2

The following general schedule is currently anticipated for the ESA process:

- October: Existing ESA holders are being asked to affirm that they intend to maintain their ESAs;
- November: Declaration forms will be issued to Western WUCC members and municipalities in the Western Region where ESAs are currently not established;
- December: A summary of declarations will be presented for public comment;
- January: Presentations and conflict resolution to resolve conflicts between ESA declarants will commence;
- March: A Preliminary ESA Delineation Document will be submitted for public review; and
- June: A Final ESA Delineation Document will be submitted to the Connecticut Department of Public Health.

Additional information pertaining to the Western Region Water Utility Coordinating Committee, including past and future meeting agendas, meeting minutes, correspondence, schedules, mapping, and publications may be found at the following web site: <http://www.ct.gov/dph/wucc>. We look forward to your participation in this important process.

Very Truly Yours,

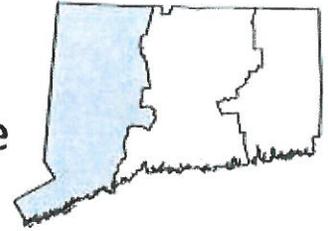
A handwritten signature in blue ink, appearing to be 'Russell Posthauer', written over a horizontal line.

Russell Posthauer
Western Region WUCC Co-Chair

A handwritten signature in blue ink, appearing to be 'Daniel Lawrence', written over a horizontal line.

Daniel Lawrence
Western Region WUCC Co-Chair

Western Region Water Utility Coordinating Committee



October 11, 2016

Western WUCC Exclusive Service Area Holders

RE: Request to Affirm Existing ESAs

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

Exclusive service area (ESA) boundaries were established by the former Upper Connecticut River Water Utility Coordinating Committee (WUCC), Housatonic WUCC and South Central WUCC in accordance with CGS 25-33g. Areas served by public water systems were automatically assigned ESA boundaries coincident with the service area of those systems. Each ESA holder signed a Statement of Confirmation at that time agreeing to the rights and responsibilities of being an ESA holder.

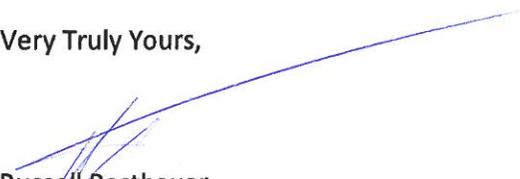
As you are aware, the Western WUCC is beginning its process of establishing ESA boundaries for the northern and southern portions of the region where ESA boundaries have not yet been delineated. At this time the ESA boundaries established by prior WUCCs, as amended, continue to be applicable; however, please be advised that existing ESA holders will need to sign updated Statements of Confirmation at the conclusion of the current process.

At this time, the Western WUCC is requesting that existing ESA holders affirm that they intend to maintain their existing ESA boundaries. Please advise the Western WUCC of your intentions via electronic mail to the Officers at the email addresses listed above, via mail at the mailing address of the Recording Secretary listed below, or via attendance at the November 8th WUCC meeting to be held at 10:00 AM at the Brookfield Town Hall, 100 Pocono Road, Brookfield, Connecticut.

In the event that you, as an ESA holder, no longer wish to maintain ESA rights and responsibilities for any or all of your ESA, please provide a description of the area in question. The Western WUCC will add the stated area into the area available for declaration by other utilities and municipalities.

If you have any questions, please do not hesitate to contact the WUCC officers or our consultant, Mr. David Murphy of Milone & MacBroom, Inc., at 203-271-1773 or DaveM@mminc.com. For current information regarding the WUCC process, please visit the DPH website at <http://www.ct.gov/dph/wucc>.

Very Truly Yours,


Russell Posthauer
Western Region WUCC Co-Chair


Daniel Lawrence
Western Region WUCC Co-Chair

Western Region Water Utility Coordinating Committee



EXCLUSIVE SERVICE AREA DECLARATION FORM 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 Western WUCC Work Plan, contact any of the Western WUCC Officers, or contact Mr. David Murphy of Milone & MacBroom, Inc. at 203-271-1773 or DaveM@mminc.com.

Kindly return this form completed and signed, and with any pertinent attachments, to Mr. David Murphy 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.

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

SECTION 1. DECLARANT INFORMATION

Water Utility or Municipality Name: _____

Mailing or Street Address: _____

Town, State, Zip Code: _____

Primary Contact Person & Title: _____

Secondary Contact Person & Title: _____

Contact Telephone: _____

Contact Fax: _____

Contact Email: _____

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

Areas within the municipal boundaries of Salisbury, North Canaan, Canaan, Norfolk, Colebrook, Winchester, Hartland, Barkhamsted, New Hartford, Torrington, Goshen, Cornwall, Sharon, Kent, Sherman, New Fairfield, Warren, Litchfield, Morris, Washington, Bethlehem, Roxbury, Watertown, Thomaston, Plymouth, Wolcott, Waterbury, Middlebury, Monroe, Shelton, Stratford, Bridgeport, Trumbull, Easton, Redding, Weston, Fairfield, Westport, Wilton, Norwalk, New Canaan, Darien, Stamford and Greenwich 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 Southbury 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.

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.

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 a public water system within each municipality in your proposed exclusive service area? Please contact the Western WUCC officers and Milone & MacBroom, Inc. if you do not know. If you do not own a public water system within each municipality in your proposed exclusive service area, please indicate which municipalities in which you do not currently own and operate a system, then proceed to the next page (Section B).

2. If you answered yes in Question 1, 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.

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.

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.

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.

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?

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?

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?

SECTION C. PHYSICAL LIMITATIONS TO WATER SERVICE

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

1. If you may serve 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?

2. If you may serve 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.

3. If you may avoid serving any portion of your proposed exclusive service, please identify how future potential problems may be addressed.

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?

2. If you may serve 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?

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? If yes, please cite the statute below. Please contact the Western WUCC officers and Milone & MacBroom, Inc. if you do not know. 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.

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.

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.

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.

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

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

1. If you may serve 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.

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

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.

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

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?

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.

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?

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.

7. If you may serve 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.

8. If you may serve 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.

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.

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.

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.

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 Western 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: _____

Print or Type Name and Title: _____

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

DWS Circular Letter #2016-29

To: Related State Agencies Executive Directors of Councils of Governments
 Chief Elected Officials Local Health Departments and Districts
 Town Planners Public Water Systems
 Town Clerks Other Interested Persons
 Planning and Zoning Officers

From: Lori J. Mathieu, Public Health Section Chief, Drinking Water Section

A handwritten signature in black ink, appearing to read "L. Mathieu".

Date: November 16, 2016

Subject: Webinar Explaining the Exclusive Service Area Declaration Process

The Connecticut Department of Public Health Drinking Water Section (DWS) will be conducting a webinar on November 29, 2016 at 10:00 a.m. to discuss the regulatory process of declaring Exclusive Service Areas (ESA). An ESA is a geographic area where a single entity has the responsibility for public water. This is an important process that all municipalities and Water Utility Coordinating Committee (WUCC) members should understand. Municipalities, in particular, should be aware that the ESA designation process has begun and water utilities will be making claims in all three public water supply management areas.

We would encourage those involved or interested in the WUCC process to register for this informational webinar at <https://attendee.gotowebinar.com/register/2477998321480561412>. For more information on ESAs, and Water Utility Coordinating Committees, please visit our website at www.ct.gov/dph/WUCC.

cc: Deputy Commissioner Yvonne Addo, DPH



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

Affirmative Action/Equal Opportunity Employer



January 5, 2017

Mr. Daniel Lawrence and Mr. Russell Posthauer, Jr., Co-Chairs, Western WUCC
Mr. Bart Halloran and Mr. David Radka, Co-Chairs, Central WUCC
Mr. Bob Congdon, Mr. Mark Decker, and Mr. Patrick Bernardo, Tri-Chairs, Eastern WUCC

RE: DEEP STATUS ON RESOLVING ESA CONFLICTS

Dear Water Utility Coordinating Committee Chairs:

The Department of Energy and Environmental Protection (DEEP) is submitting this correspondence to keep the Water Utility Coordinating Committees (WUCCs) apprised of our progress in resolving the Exclusive Service Area (ESA) conflicts generated when DEEP claimed the DEEP-owned lands across the state.

We appreciate the WUCC's evaluation of our request, the conversation generated, and the willingness of many utilities, towns and the Council of Governments to work through the issues raised by the State's filings. As you are aware, the purpose of claiming our lands as proposed ESAs is to reinforce the principle that as an arm of the state government, DEEP retains both the ability and responsibility to best determine how to provide water service to our facilities and to all lands under DEEP's custody and control. We thought it best to raise this issue for consideration during the WUCC process. We have been meeting internally to clarify our claims, including but not limited to, the ability to hold an ESA, the possibility of a global resolution of all DEEP managed lands and (as raised at the WUCC meetings) circumstances surrounding the sale or division of DEEP-owned lands in the future.

DEEP does not wish to delay the WUCC process, but we ask that the WUCCs not take up the conflict resolution process in January with respect to DEEP, as we determine the best course of action and work toward conflict resolution. We will continue to keep the WUCCs apprised of our progress in the meantime, and will send a clarifying letter well before the February meetings.

If you have any questions please call Eric Ott of my staff at 860 424-4112. Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink that reads "Robert Kaliszewski".

Robert Kaliszewski
Director of Administration

RK/cf

cc: Mr. David Murphy, Milone & MacBroom, Inc.
Ms. Jeanine Gouin, Milone & MacBroom, Inc.
Mr. Scott Bighinatti, Milone & MacBroom, Inc.
Ms. Lori Mathieu, CT Department of Public Health



February 1, 2017

Mr. Daniel Lawrence and Mr. Russell Posthauer, Jr., Co-chairs, Western WUCC
Mr. Bart Halloran and Mr. David Radka, Co-Chairs, Central WUCC
Mr. Bob Congdon, Mr. Mark Decker and Mr. Patrick Bernards, Tri-Chairs, Eastern WUCC

Re: Exclusive Service Areas and Lands under the Custody and Control of the Department

Dear Water Utility Coordinating Committee Chairs:

I am writing as a follow-up to Eric Ott's December 9, 2016 Exclusive Service Area Declaration Form sent to each water utility coordinating committee regarding exclusive service areas and lands under the custody and control of the Department of Energy and Environmental Protection ("the Department").

The above-referenced forms were sent regarding the establishment of exclusive service areas by the water utility coordinating committees pursuant to Conn. Gen. Stat. § 25-33g. Under that statute each water utility coordinating committee is charged with establishing preliminary exclusive service area boundaries ... for each public water system within the Committee's management area. In the Department's letter, the Department claimed as exclusive service areas, certain state lands under the custody and control of the Department. This was done protectively and to bring these properties to the attention of each Committee so they are not overlooked as exclusive service area boundaries are established pursuant to Conn. Gen. Stat. § 25-33g.

Conn. Gen. Stat. § 25-33g(b) specifies that the Committees shall establish preliminary exclusive service area boundaries for each *public water system*. The term "public water system" is defined as "any private, municipal or regional utility supplying water to fifteen or more service connections or twenty-five or more persons." Conn. Gen. Stat. § 25-33d(a). Under this definition, the Department cannot be considered a public water system, since the Department is not a private, municipal or regional utility. For that reason, the establishment of exclusive service area boundaries for water being supplied by the Department is not within the purview of the Committees under section 25-33g. Notably, under Conn. Gen. Stat. § 16-262m(f), the Department is exempt from the requirement to offer any water system it constructs for satellite management by an exclusive service area provider during the certificate of public convenience and necessity review process, confirming the intent of the legislature that the Department is not subject to the same regulatory scheme as public water supply companies and further confirming that the state's exclusion from the definition of public water system in section 25-33d(a) was purposeful.

The fact, however, that the Department is not a "public water system" would not, in and of itself, preclude a Committee from assigning to some other public water system, an exclusive

service area that included the Department's lands. However, such an assignment would contravene well-established principles of sovereign immunity. It is well settled that "the rights of the government are not to be impaired by a statute unless its terms are clear and explicit, and admit of no other construction." *State v. City of Hartford*, 50 Conn. 89, 90–91 (1882); See, e.g., *Rivers v. City of New Britain*, 288 Conn. 1, 13 (2008) ("We note, moreover, that even when a statute creates a duty or liability of general applicability, the legislature ordinarily uses language that expressly subjects the state to that duty or liability.")

Under these principles, unless the General Assembly clearly and unmistakably subjects state lands, such as those under the custody and control of the Department, to the establishment of exclusive service area boundaries, the state is immune, exempt and not bound by provisions such as a Committee's assignment of an exclusive service area to a public water system. In this case, the provisions authorizing the assignment of exclusive service areas makes no mention of the state or lands under the custody and control of the Department. Absent is any clear and unmistakable indication that the General Assembly intended to allow exclusive service areas to be established on lands under the custody and control of the Department. For that reason, any assignment of an exclusive service area, with whatever rights or obligations that may entail, would be of no force or effect on any such current or future lands.

To assist the Committees in taking action that is consistent with the principle that as a result of state sovereignty the designation of an exclusive service area has no bearing on the provision of water to lands under the custody and control of the Department, we offer the Committees two approaches. Under one approach, the Committees could determine the boundaries for an exclusive service area that includes the Department's lands. In doing so however, the Committees would have to make clear that the rules are different for any of the Department's lands in any such service area; that with respect to any such lands the Department retains both the ability and responsibility to determine how best to supply water on such lands. I understand that certain water companies who had previously claimed exclusive service areas over lands in the custody and control of the Department have withdrawn those claims, a clear acknowledgement of this principle.

Alternatively, and this may be the preferred approach, when determining the boundaries of exclusive service areas each Committee could determine that all current and future lands under the custody and control of the Department remain unassigned.

Both alternatives provide a method to resolve all potential conflicts regarding the Department's lands at one time, rather than piecemeal. Perhaps more importantly, both alternatives recognize the uniqueness of the Department's lands resulting from the principle of state sovereignty.

I also recognize that some members of the Committees may feel that lands under the custody and control of the Department must be assigned to an exclusive service area because it is possible that such land may be sold at some point in the future. However, as a practical matter, the Department rarely sells such land because doing so may run counter to both State and Department policy. In the unlikely event that such land is sold at some point in the future, under Conn. Gen. Stat. 25-33g, a Committee could assign the land to an exclusive service area once the land was transferred to private ownership. Section 25-33g clearly contemplates and makes provision for such boundary adjustments.

We respectfully suggest that the Committees give careful consideration to the uniqueness of lands under the custody and control of the Department. Employing either of the methods noted above, would allow all of the "conflicts" regarding lands under the custody and control of the Department to be resolved at one time. At that point, the Department would withdraw any claims it has made. Representatives from the Department are prepared to attend the next meeting of each Committee and, should any Committee find it helpful, discuss this letter at whatever time is convenient for the Committee.

Thank you for your consideration.

Sincerely,


Robert Kaliszewski
Director of Administration

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



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

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

February 7, 2017

Mr. Daniel Lawrence and Mr. Russell Posthauer, Jr., Co-chairs, Western WUCC
Bart Halloran, Esq. and Mr. David Radka, Co-chairs, Central WUCC
Mr. Bob Congdon, Mr. Mark Decker and Mr. Patrick Bernards, Tri-chairs, Eastern WUCC

Re: Department of Energy and Environmental Protection's February 1, 2017 Letter

Dear Water Utility Coordinating Committee Chairs:

This letter is in regards to the Department of Energy and Environmental Protection's ("DEEP") February 1, 2017 letter to the chairs of the Western, Central and Eastern Water Utility Coordinating Committees ("WUCC") concerning Exclusive Service Areas ("ESA") and Lands under the Custody and Control of DEEP. As stated in DEEP's letter, DEEP is not a public water system¹ as that term is defined under the WUCC statutes, *Conn. Gen. Stat.* §§ 25-33c to 25-33j, inclusive, and therefore cannot be assigned an ESA. There is, however, nothing in the statutes that precludes the WUCCs from including DEEP property in a public water system's ESA. While the WUCCs can include DEEP property in an ESA, in establishing such ESAs, the WUCCs should acknowledge that DEEP has certain rights and protections available by law, which DEEP may assert in an appropriate circumstance.

If you have any questions, please contact Lori Mathieu, Public Health Section Chief, Drinking Water Section, at (860) 509-7333.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Pino".

Raul Pino, MD, MPH
Commissioner

cc: Yvonne T. Addo, MBA, Deputy Commissioner
Lori Mathieu, Public Health Section Chief, Drinking Water Section
Robert Kaliszewski, Director of Administration, DEEP

¹ *Conn. Gen. Stat.* § 25-33d(a) defines "public water system" to mean "any private, municipal or regional utility supplying water to fifteen or more service connections or twenty-five or more persons."



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

Affirmative Action/Equal Opportunity Employer

Western Region Water Utility Coordinating Committee



March 22, 2017

Via Electronic Mail

To: Western WUCC Members
Chief Municipal Officials
Municipal Planning Commissions
Local Health Officials
Regional Planning Organizations
Commissioner, Department of Energy & Environmental Protection
Commissioner, Department of Public Health
Chairman, Public Utilities Regulatory Authority
Secretary, Office of Policy & Management
Interested Parties

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

RE: Preliminary Recommended Exclusive Service Area Boundaries

In accordance with CGS 25-33g(b) and RCSA 25-33h-1(d)(B), the Western Connecticut Water Utility Coordinating Committee (WUCC) has established preliminary exclusive service area boundaries for the Western Connecticut Public Water Supply Management Area (PWSMA). An electronic copy of the document may be found online at the WUCC website <http://www.ct.gov/dph/wucc> under the Western WUCC webpage.

At this time, the Western WUCC is requesting review and comment on the preliminary exclusive service area boundaries document from all interested persons. Discussion of comments received to date will occur at the next Western WUCC meeting scheduled for April 11, 2017 at the Brookfield Town Hall. The public comment period closes on April 22, 2017 and any final comments on the document from the public must be received by the end of that day, with discussion of final comments occurring at the WUCC's meeting on May 9, 2017.

Please provide comments via electronic mail to the Officers at the email addresses listed above, via mail at the mailing address of the Recording Secretary listed below, or by attendance at the April 11th WUCC meeting. If you have any questions, please do not hesitate to contact the WUCC officers or our consultant, Mr. David Murphy of Milone & MacBroom, Inc., at 203-271-1773 or davem@miloneandmacbroom.com.

We look forward to hearing your thoughts and comments on this document. For current information regarding the WUCC process, please visit the DPH website at <http://www.ct.gov/dph/wucc>.

Very Truly Yours,


Daniel Lawrence
Western Region WUCC Co-Chair


David Banker
Western Region WUCC Recording Secretary

Western Region Water Utility Coordinating Committee



March 28, 2017

Via Electronic Mail

To: Western WUCC Exclusive Service Area Holders

RE: Draft Statement of Confirmation for ESA Holders

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

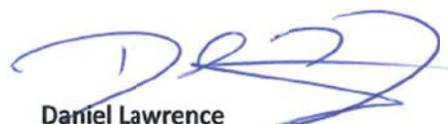
The Western Region Water Utility Coordinating Committee (WUCC) is continuing work to establish Exclusive Service Area Boundaries within the WUCC service area. Prior to submitting the final ESA document to DPH, the WUCC will need its members with ESA assignments to sign a Statement of Confirmation agreeing to the ESA as reflected by mapping in the document. A draft Statement of Confirmation has been attached to this letter for review and comment. We anticipate discussion and approval of the Statement of Confirmation at the next Western WUCC meeting scheduled on April 11, 2017 at the Brookfield Town Hall.

In order to accommodate the regulatory timeline, the WUCC will need ESA holders to submit executed Statements of Confirmation by June 1, 2017. Some members may require town council or board approvals prior to executing documents. As a result, the WUCC is asking members to consider their approval process and plan accordingly.

Comments can be provided via electronic mail to the Officers at the email addresses listed above or by attendance at the April 11th WUCC meeting. If you have any questions, please do not hesitate to contact the WUCC officers or our consultant, Mr. David Murphy of Milone & MacBroom, Inc., at 203-271-1773 or davem@miloneandmacbroom.com.

Very Truly Yours,


Russell Posthauer
Western Region WUCC Co-Chair


Daniel Lawrence
Western Region WUCC Co-Chair



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN CONNECTICUT PUBLIC WATER SUPPLY MANAGEMENT AREA

Whereas, in accordance with Section 25-33h of the Connecticut General Statutes, each potential Exclusive Service Area (ESA) holder in the Western Connecticut Public Water Supply Management Area (PWSMA) is granted the right to request, through a declaration process, its future service area; and

Whereas, the Western Connecticut Water Utility Coordinating Committee (WUCC) has formally requested such ESA declarations from potential providers and has received such declarations from interested parties within the Western PWSMA; and

Whereas, the Western Connecticut WUCC has reviewed the declared ESA boundaries and confirms that all conflicts between potential ESA holders have been resolved through a process developed by the WUCC; and

Whereas, the Western Connecticut WUCC will make recommendations to the Connecticut Department of Public Health (DPH) with regard to ESA awards;

Therefore, the undersigned accepts responsibility for the ESA as recommended by the Western Connecticut WUCC and will abide by the following provisions:

1. Service Area Boundaries: The undersigned acknowledge that the attached map(s) as identified below as presented on Geographic Information System (GIS) mapping accurately identifies the undersigned ESA holder's ESA as accepted by the Western Connecticut WUCC on or prior to (DATE). Copies of the approved maps and Statements of Confirmation will be kept on file at the Connecticut DPH offices and will be available for public review. Unofficial copies will be available electronically online on the Western WUCC website hosted by Connecticut DPH.
2. Rights and Responsibilities: The undersigned acknowledges its right and responsibility for providing adequate service as requested by consumers and under terms otherwise provided by statute, regulation and ordinance with their ESA boundaries with a reasonable timeframe, as specified by the Regulations of Connecticut State Agencies 25-33h-1(k)(2). Such rights and responsibilities are detailed in the ESA Document prepared by the Western WUCC. The undersigned acknowledges that it will adhere to any applicable changes to the statutes and regulations which may occur from time to time.
3. Boundary Adjustments: If at some time in the future it is in the best interest of the undersigned to make adjustments to an ESA boundary, such adjustments must be made in accordance with the ESA Modification Procedures in the Western WUCC Work Plan and be approved by the Connecticut DPH. Such adjustments must be reconfirmed by completion of a new Statement of Confirmation of ESA Boundaries and updates to the associated mapping.

The undersigned ESA holder has executed this Statement of Confirmation as of (DATE).



APPENDIX B

SUMMARY OF ESA PROCESS FOR FORMER HOUSATONIC WUCC



Existing service area boundaries in the former Housatonic Public Water Supply Management Area (PWSMA) were delineated as part of the *Final Water Supply Assessment* dated April 1987. A map of those boundaries was appended as Plate I and Plate II of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table B-1 presents a summary listing of milestones in the exclusive service area (ESA) delineation process for the former Housatonic PWSMA. All of the area in the former Housatonic PWSMA is included in the current Western PWSMA.

TABLE B-1
Summary of Milestones in the Exclusive Service Area Delineation Process, 1986-1987

Date	Milestone
August 18, 1986	Notification of initiation of establishment of preliminary ESA boundaries
January 20, 1987	Notice requesting ESA declarations for future service areas
February 17, 1987	Potential conflicts identified, informal negotiations between conflicting ESA declarants
May 14, 1987	All conflicts resolved saved Brookfield Route 7 corridor; conflict referred to PURA
August 26, 1987	PURA recommends that conflicted Brookfield area remain unassigned; conflicted utilities come to agreement
September 28, 1987	Notice requesting Statements of Confirmation from each ESA holder
October 1987	Final exclusive service areas established by the Housatonic WUCC pending approval of Water Supply Plans
1988 to 2015	ESA boundaries modified by the Former Housatonic WUCC upon request

Work began on the ESA process in August 1986 when notice of the initiation of the process to establish preliminary ESA declarations was provided by the former Housatonic WUCC. This notice was mailed to WUCC members, municipal officials, and interested parties. A second notice was issued in January 1987 to WUCC members, municipal officials, and interested parties requesting existing service area boundaries and potential future service area, along with any areas where the water company may be interested in providing satellite management services. Responses were requested by February 13, 1987.

The ESA declarations were discussed at the February 17, 1987, WUCC meeting. Numerous conflicts were identified, and the WUCC decided to allow those utilities with apparent conflicts to attempt to negotiate a mutually agreeable solution to their conflicts. Mutual agreement on the resolution of the conflicting areas resulted in all but one situation being resolved, which was a corridor paralleling Route 7 in Brookfield.

After hearing statements from the two conflicting parties at the May 14, 1987 WUCC meeting, the WUCC referred the conflict to the Department of Public Utility Control (now the Public Utility Regulatory Authority, or PURA) for a recommendation pursuant to CGS 25-33g. After requesting additional information from the conflicted declarants, PURA issued a letter on August 26, 1987 to the WUCC recommending that the area remain "open" (unassigned) and that the WUCC review new systems in that area on a case-by-case basis.

Subsequent to PURA's recommendation, the two utilities adjusted their ESA declarations to no longer be in conflict in Brookfield. The WUCC considered the matter resolved at its October 1987, meeting. The final recommended ESA designations for areas unserved by public water service as adopted by the former Housatonic WUCC are presented in Table B-2. Note that where ESA designations crossed municipal boundaries, the ESA designations were considered to be contiguous on both sides of the municipal boundary.

TABLE B-2
Recommended Exclusive Service Area Designations in Former Housatonic PWSMA, October 1987

Geographic Area	ESA Designations for Unserved Areas
Bethel	<p>Bethel Consolidated Company in the northern portion of Bethel within 1,000 feet of its existing systems and along Route 6 from Payne Road at Danbury Line to intersection of Route 6 and Weed Road.</p> <p>Bethel Water Department in southwestern Bethel accounting for slight expansion of existing service area to west, southwest, and northeast.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.</p>
Bridgewater	<p>Har-bil Water Company awarded small area in northern Bridgewater on border with New Milford adjacent to its existing system.</p> <p>Remaining existing system received ESA designation coterminous with its existing service area. Remainder of town not served by public water systems left unassigned.</p>
Brookfield	<p>Greenridge Tax District awarded ESA adjacent to existing system in an area principally to the south into Newtown (to intersection of Route 25 and Obtuse Road) and to the east along a north-south line paralleling Obtuse Road.</p> <p>Iron Works Aqueduct Company awarded ESA for northern half of Brookfield excluding ESA designations for other utilities.</p> <p>Rural Water Company awarded ESA for southern half of Brookfield excluding ESA designations for other utilities.</p> <p>Rural Water Company – Brook Acres awarded ESA approximately 1,000 feet around boundaries of existing service area.</p> <p>Rural Water Company – Brookfield Division awarded ESA adjacent to existing system in an area generally bounded to the south by Elbow Hill Road, to the east generally along a line extending from the intersection of Mountain Road and Lime Kiln Brook to Elbow Road, just east of intersection with Spring Lane.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>

TABLE B-2
Recommended Exclusive Service Area Designations in Former Housatonic PWSMA, October 1987

Geographic Area	ESA Designations for Unserved Areas
Danbury	<p>Danbury Water Department awarded ESA for entire city excluding ESA designations for other utilities.</p> <p>Rural Water Company – Cedar Heights awarded ESA for area west of existing service area, generally paralleling Beaver Brook, and to south as far as Forty Acre Mountain Road.</p> <p>Rural Water Company – Pearce Manor awarded ESA for area bounded by approximately 1,000 feet from northern/northwestern edge of existing service area.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>
New Fairfield	<p>Rural Water Company – Fieldstone Ridge awarded ESA for area bounded by approximately 1,000 feet from existing service area to east and south (into Danbury), by New York state line to west, and by West Trails Road to north.</p> <p>Rural Water Company – Oakwood Acres awarded ESA for area north, east, and south of existing service area generally encompassing the New Fairfield "downtown" area.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.</p>
New Milford	<p>Har-bil Water Company awarded ESA for slight expansion of its existing service area to the west and south into Bridgewater.</p> <p>New Milford Water Company awarded ESA for entire town excluding areas being served by an existing water utility.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>
Newtown	<p>Newtown Water Company awarded ESA for entire town excluding ESA designations for other utilities.</p> <p>Olmstead Water Supply Company awarded ESA for the area to the southwest of its existing service area, generally bounded by line paralleling the southerly side of Interstate 84 to near Polebridge Road, then southeasterly to Jeremiah Road, then north to Lillinoah Lake, and along the western side of the lake.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>

TABLE B-2
Recommended Exclusive Service Area Designations in Former Housatonic PWSMA, October 1987

Geographic Area	ESA Designations for Unserved Areas
Ridgefield	<p>Ridgefield Water Supply Company awarded ESA for entire town excluding ESA designations for other utilities.</p> <p>Rural Water Company – Craigmoor awarded ESA for area extending approximately 1,000 feet to the north, west, and south of the existing service area.</p> <p>Rural Water Company – Ridgefield Lakes awarded ESA for area extending primarily to the east of its existing service area by approximately 1,500 feet.</p> <p>Rural Water Company – Scodon awarded ESA for area extending primarily to the north of its existing system (to Shadow Lake Road) and to the east along Pine Mountain and Briar Ridge Roads.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>
Roxbury	All areas left unassigned.
Sherman	Existing systems received ESA designations coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.
Southbury	<p>Heritage Village Water Company awarded ESA for area bounded to east at Route 6 and Route 67 near Upper and Lower Grassy Hill Road, with boundary following the Pomperaug River southerly to Fish Rock Road; along Route 188 at Long Meadow Road and bordered by Rigg Street in Oxford to intersection at Route 67, and running along Governors Hill Road; bordered by Route 188 at Quaker Farms Road, and southerly to Governors' Hill Road in Oxford.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned.</p>
Woodbury	<p>Watertown Fire District awarded ESA for the northeastern corner of Woodbury, from the westerly boundary of Watertown intersecting Route 61, proceeding northwesterly along Route 61 for 1.2 miles to the southerly boundary of Bethlehem; easterly along the Bethlehem/Woodbury boundary to the intersection with the westerly boundary of Watertown; southerly along the Woodbury/Watertown boundary to its intersection with Route 61.</p> <p>Woodbury Water Company awarded ESA for entire town excluding ESA designations for other utilities.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>

As part of this process, the Town of New Fairfield submitted a claim to all areas of New Fairfield that were currently unserved by public water supply. At that time, the former Housatonic WUCC believed that it was not appropriate for a non-utility to be awarded an ESA designation. However, the WUCC left the majority of New Fairfield unassigned, leaving it open for the Town of New Fairfield to claim an ESA in the future if created a municipal water utility (which later occurred, see below).

Following approval of the *Final Exclusive Service Areas* by the former Housatonic WUCC, the ESA boundaries were placed into use by Connecticut DPH. Following the conclusion of the former Coordinated Water System Planning process in September 1988, the former Housatonic WUCC continued to meet on an annual or semi-annual basis, but did not have the funding to revisit the unapproved coordinated plan. Several adjustments to ESA boundaries were approved by the former Housatonic WUCC between 1989 and 2015 as summarized by municipality below:

- **Bethel**: Bethel Consolidated Company was later purchased by United Water Connecticut. ESA boundaries for unserved areas in northern Bethel originally awarded to Bethel Consolidated Company were transferred to United Water Connecticut. In 2009, United Water Connecticut was awarded an expansion of the ESA in northern Bethel to generally include all unserved areas within the municipal boundary south to Plumtrees Road. United Water Connecticut was later purchased by Aquarion Water Company (AWC) and the ESA boundary for northern Bethel transferred to AWC. The Bethel Water Department was awarded a slightly larger ESA encompassing the majority of unserved areas in Bethel in 2009, other than those awarded to United Water Company. As a result, none of the town remained unassigned.
- **Brookfield**: The Greenridge Taxing District system was later purchased by United Water Connecticut. ESA boundaries for unserved areas in Brookfield and Newtown associated with this system were transferred to United Water Connecticut. United Water Connecticut was later purchased by AWC and the ESA boundary transferred to AWC. AWC also purchased the Rural Water Company in 2011, and the ESA boundary for southern Brookfield transferred to AWC. The Brookfield Water Company was formed in 1998 and was ordered to take over the Iron Works Aqueduct Company in 2003. AWC later purchased the Brookfield Water Company in 2011, and the ESA boundary originally associated with the Iron Works Aqueduct Company transferred to AWC.
- **Bridgewater**: The Har-bil Water Company was later purchased by United Water Connecticut, which in turn was purchased by AWC. The associated ESA boundaries were transferred to AWC. Historical DPH mapping shows that the Judea Water Company was later awarded the ESA for all of Bridgewater, which in turn was purchased by AWC in 2011. The associated ESA boundaries were transferred to AWC.
- **Danbury**: Danbury Water Department was awarded the ESAs formerly assigned to Rural Water Company when AWC purchased Rural Water Company.
- **New Fairfield**: The Rural Water Company ESA in the downtown area transferred to AWC. A portion of this ESA (primarily the non-residential downtown area) was later awarded to the Town of New Fairfield.
- **New Milford**: The Har-bil Water Company and the New Milford Water Company were later purchased by United Water Connecticut, which in turn was purchased by AWC. The associated ESA boundaries were transferred to AWC.
- **Newtown**: A portion of the Rural Water Company ESA boundary was transferred to United Water Connecticut, which in turn was purchased by AWC. The Newtown Water Company was later

purchased by United Water Connecticut, which in turn was purchased by AWC. The Olmstead Water Supply Company was also purchased by AWC.

- Ridgefield: The Ridgefield Water Company and the Rural Water Company were later purchased by AWC. The associated ESA boundaries were transferred to AWC.

Note that the associated ESAs that were transferred to AWC were consolidated into one ESA by the Housatonic WUCC in 2012.



APPENDIX C

SUMMARY OF ESA PROCESS FOR FORMER SOUTH CENTRAL WUCC



Existing service area boundaries in the former South Central PWSMA were delineated as part of the *Final Water Supply Assessment* dated October 1988. A map of those boundaries was appended as Plate IA and Plate IB of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table C-1 presents a summary listing of milestones in the ESA delineation process for the former South Central PWSMA. Note that the majority of the former South Central PWSMA is located in the Central PWSMA; the municipalities of Ansonia, Beacon Falls, Cheshire, Derby, Naugatuck, Oxford, Prospect, and Seymour were assigned to the Western PWSMA in 2014.

TABLE C-1
Summary of Milestones in the Exclusive Service Area Delineation Process, 1988-1989

Date	Milestone
March 3, 1988	Legal notice and press release published requesting ESA declarations for future service areas; response requested by April 15, 1988
March 14, 1988	Letters mailed to WUCC members requesting ESA declarations with "Guidelines for Delineation of Exclusive Service Area" instructions and map; response time extended to April 29, 1988
May 27, 1988	Reminder notice to selected WUCC members requesting response to request for delineations by June 9, 1988
June 24, 1988	Letter from DPH to selected WUCC members with list of currently unclaimed areas and areas in conflict, reminding those in conflict over ESA designations to meet to discuss and hopefully resolve their overlapping ESA proposals
July 14, 1988	WUCC decides to send conflicts to PURA for recommendations
July 23, 1988	WUCC refers ESA conflicts in Oxford, Prospect, Bethany, Seymour, Beacon Falls, and Durham to PURA for recommendations; ESA conflict in Durham is resolved after this date
August 5, 1988	PURA issues request for information for ESA conflicts in Seymour, Oxford, Beacon Falls, Bethany, and Prospect; ESA conflicts in Beacon Falls, Oxford, and Seymour are resolved
October 25, 1988	Legal notice issued announcing availability of Preliminary Exclusive Service Area Boundaries for public review and comment; comments requested by November 28, 1988
November 18, 1988	DPH issues news release requesting public comment on Preliminary Exclusive Service Area Boundaries
December 13, 1988	PURA issues recommendations for ESA designations in Bethany and Prospect: PURA recommended that unserved areas in northwestern Bethany be served by CWC, that unserved areas in southwestern Bethany be served by Bridgeport Hydraulic Company, and that SCCRWA serve the remainder of unserved areas in Bethany; and PURA recommended that unserved areas in Prospect be served by CWC.
January 12, 1989	WUCC votes to not accept the PURA recommendations and to refer the conflicts to DPH for resolution
January 20, 1989	WUCC issues letter to DPH requesting DPH hold a public hearing and assign ESA boundaries for the conflicted areas; DPH ultimately assigns all of Bethany to SCCRWA and all of Prospect to CWC

A pre-notification of the process was provided to area utilities while work was being performed on the *Final Water Supply Assessment*. Work began on the ESA process in March 1988 when a legal notice and associated press release was posted in area newspapers by the former South Central WUCC requesting preliminary ESA declarations. Letters and mapping were also mailed to WUCC members in March 1986 requesting ESA declarations. Responses were requested by April 15, 1988, with the time frame extended to April 29, 1988. A reminder notice was issued in May 1988 to selected WUCC members requesting existing service area boundaries and potential future service areas, with a deadline of June 9, 1988.

The ESA declarations were discussed at the monthly WUCC meetings. Numerous conflicts were identified, and the WUCC decided to allow those utilities with apparent conflicts to attempt to negotiate a mutually agreeable solution to their conflicts. A notice to selected WUCC members was sent on June 24, 1988 from DPH requesting a status update on conflicted declarations at the July 14, 1988 meeting. At the time of the letter, certain areas of Cromwell had not been declared for, and conflicts were noted in Beacon Falls, Bethany, Durham, Oxford, Prospect, and Seymour.

After hearing statements from the conflicting parties at the July 14, 1988 WUCC meeting, the WUCC referred the conflicts to the Department of Public Utility Control (now the Public Utility Regulatory Authority, or PURA) for a recommendation pursuant to CGS 25-33g. Following the referral, the conflict in Durham was resolved by the parties. After requesting additional information from the conflicted declarants in Beacon Falls, Bethany, Oxford, Prospect, and Seymour on August 5, 1988, conflicts in Beacon Falls, Oxford, and Seymour were resolved.

The former South Central WUCC issued a legal notice in area newspapers of the availability of preliminary ESA boundaries for public comment on October 25, 1988. Notification of the report availability was also mailed to all local officials, utilities, and interested persons. The boundaries available for review included a description of the conflicts in Bethany and Prospect still under review by PURA. A news release was subsequently issued on November 18, 1988 reminding the public of the deadline of November 28, 1988 for public comment submission.

PURA issued a letter on December 13, 1988 to the WUCC recommending the following:

- Bethany: Bridgeport Hydraulic Company should serve the southwest quarter of town, CWC should serve the northwest corner of town, and SCCRWA should serve the remainder of Bethany.
- Prospect: CWC should serve the entire town.

Subsequent to PURA's recommendation, the WUCC considered the PURA recommendations at its January 12, 1989 meeting. The WUCC voted 7 to 2 to reject the PURA recommendations for Bethany and Prospect, and unanimously decided to formally refer the decision on the final ESA boundaries in these communities to the Commissioner of DPH. The WUCC also formally requested that a public hearing be held in either Bethany or Prospect prior to making the determination. DPH ultimately assigned SCCRWA the ESA boundary for all unserved areas in Bethany, and the CWC the ESA boundary for all unserved areas in Prospect.

The final recommended ESA designations for areas unserved by public water service as adopted by the former South Central WUCC or assigned by Connecticut DPH are presented in Table C-2. Note that

where ESA designations crossed municipal boundaries, the ESA designations were considered to be contiguous on both sides of the municipal boundary.

TABLE C-2
Final Recommended Exclusive Service Area Designation in Former South Central PWSMA, 1988

Geographic Area	ESA Designation for Unserved Areas
Ansonia	Ansonia – Derby Water Company awarded ESA designation for entire municipality. No areas left unassigned.
Beacon Falls	Bridgeport Hydraulic Company awarded majority of Beacon Falls except for two small portions in the northeast and northwest quarters of town which were awarded to CWC. No areas left unassigned.
Bethany	SCCRWA was awarded the ESA designation for all unserved areas in Bethany by Connecticut DPH. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Branford	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Cheshire	SCCRWA awarded ESA designation for entire municipality, although it was noted that an area in North Cheshire was served by Southington Water Department at that time subject to a recapture agreement that would take effect once SCCRWA extended mains to that area. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Chester	CWC was awarded the ESA designation for all unserved areas in town. The other existing system received an ESA designation coterminous with their existing service area. No areas left unassigned.
Clinton	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Cromwell	Cromwell Fire District was awarded the ESA designation for all unserved areas in town. MDC was awarded the ESA designation for its existing service area and the Algonquin Gas Transmission Company. No areas left unassigned.
Deep River	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Derby	Ansonia-Derby Water Company was awarded the ESA designation for all unserved areas in the city with the exception of the existing service area of the City of Derby Water Company. No areas left unassigned.
Durham	Amston Beseck Water Company awarded ESA designation for all unserved areas in the northern portion of Durham and its existing service area in southern Durham. CWC awarded the ESA designation for all unserved areas in southern Durham. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
East Haven	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Essex	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Guilford	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.

TABLE C-2
Final Recommended Exclusive Service Area Designation in Former South Central PWSMA, 1988

Geographic Area	ESA Designation for Unserved Areas
Haddam	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Hamden	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Killingworth	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Madison	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Meriden	Meriden Water Department awarded the ESA designation for all unserved areas in the city. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Middlefield	Amston Beseck Water Company awarded the ESA designation for all unserved areas in Middlefield. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Middletown	Middletown Water Department awarded the ESA designation for all unserved areas in the city. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Milford	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Naugatuck	CWC was awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
New Haven	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
North Branford	SCCRWA awarded ESA designation for entire municipality. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
North Haven	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Old Saybrook	CWC awarded ESA designation for entire municipality. No areas left unassigned.
Orange	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Oxford	<p>Bridgeport Hydraulic Company awarded the ESA designation for the portion of Oxford bounded to the north by Eightmile and Sixmile Brooks, Governor's Hill Road, Chestnut Hill Road, Towantic Brook, and a line generally perpendicular to the Beacon Falls Town Line just north of Seymour Reservoir No. 4; to the east by the Beacon Falls town line, and to the west by the Monroe and Shelton town lines along the Housatonic River.</p> <p>CWC awarded the ESA designation for unserved areas in the northeast portion of Oxford north of the perpendicular line noted above, bounded to the west by Towantic Brook.</p> <p>Heritage Village Water Company awarded the ESA designation for all unserved areas generally north and west of the other ESA designations in Oxford.</p> <p>Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.</p>

TABLE C-2
Final Recommended Exclusive Service Area Designation in Former South Central PWSMA, 1988

Geographic Area	ESA Designation for Unserved Areas
Portland	Portland Water Department awarded ESA designation for entire municipality. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Prospect	CWC was awarded the ESA designation for all unserved areas in Prospect by Connecticut DPH. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Seymour	The Ansonia-Derby Water Company was awarded the ESA designation for its existing service area and the unserved area southeast of Davis Road, Steep Hill Road, and Old Town Road. Bridgeport Hydraulic Company was awarded the ESA designation for all remaining unserved areas. No areas left unassigned.
Wallingford	Wallingford Water Division was awarded ESA designation for entire municipality. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Westbrook	CWC awarded ESA designation for entire municipality. No areas left unassigned.
West Haven	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.
Woodbridge	SCCRWA awarded ESA designation for entire municipality. No areas left unassigned.

Following approval of the *Final Exclusive Service Area Boundaries* by the former South Central WUCC, the ESA boundaries were placed into use by Connecticut DPH. Following the conclusion of the former Coordinated Water System Planning process in June 1989, the former South Central WUCC continued to meet on an annual or semi-annual basis, but did not have the funding to revisit the unapproved coordinated plan. Several adjustments to ESA boundaries were approved by the former South Central WUCC between 1990 and 2015 as summarized by municipality below:

- Ansonia and Derby: The Ansonia-Derby Water Company was later purchased by Birmingham Utilities, who in turn was purchased by SCCRWA. ESA boundaries for unserved areas in Ansonia originally awarded to Ansonia Derby Water Company were transferred to SCCRWA.
- Beacon Falls and Oxford: Bridgeport Hydraulic Company was later purchased by AWC. ESA boundaries for unserved areas in Beacon Falls and Oxford originally awarded to Bridgeport Hydraulic Company were transferred to AWC.
- Durham: The Amston Beseck Water Company was later acquired by Birmingham Utilities, and the assets of Birmingham Utilities in Durham were eventually turned over to the Town of Durham. The Town of Durham was awarded the ESA boundary for unserved areas in northern Durham.
- Middlefield: The Amston Beseck Water Company was later acquired by Birmingham Utilities. The Town of Middlefield was later awarded the ESA boundary for unserved areas in Middlefield.
- Seymour: The Ansonia-Derby Water Company was later purchased by Birmingham Utilities, who in turn was purchased by SCCRWA. ESA boundaries for unserved areas in Seymour originally awarded to Ansonia Derby Water Company were transferred to SCCRWA. Similarly, Bridgeport Hydraulic

Company was later purchased by AWC. ESA boundaries for unserved areas in Seymour originally awarded to Bridgeport Hydraulic Company were transferred to AWC.



APPENDIX D

SUMMARY OF ESA PROCESS FOR FORMER UPPER CONNECTICUT RIVER WUCC



Existing service area boundaries in the former Upper Connecticut PWSMA were delineated as part of the *Final Water Supply Assessment* dated December 1987. A map of those boundaries was appended as Plate IA and Plate IB of that document. The ESA declaration process was based, in part, on the findings of the *Final Water Supply Assessment* as well as participation of the WUCC membership in accordance with Public Act 85-535 and RCSA Section 25-33h-1. Table D-1 presents a summary listing of milestones in the ESA delineation process for the former Upper Connecticut River PWSMA. Note that the majority of the former Upper Connecticut River PWSMA is located in the Central PWSMA; the municipalities of Barkhamsted, Bristol, Burlington, Colebrook, Hartland, Harwinton, and New Hartford were assigned to the Western PWSMA in 2014.

**TABLE D-1
Summary of Milestones in the Exclusive Service Area Delineation Process, 1988-1989**

Date	Milestone
June 3, 1987	Notices mailed to all WUCC members, local municipal officials, and interested parties requesting that utilities delineate ESA boundaries, and requesting input from municipalities and interested persons, with due date of September 14, 1987
June 15, 1987	Legal notice published in Hartford Courant announcing ESA boundaries delineation process.
June 27, 1987	Press release regarding ESA boundary request
October 6, 1987	WUCC reviews conflicts at monthly WUCC meeting and recommends that conflicting utilities directly negotiate mutually agreeable solutions
December 1, 1987	ESA conflicts resolved except for those in Avon, Enfield, East Windsor, and South Windsor, areas referred to mediation subcommittee; Town of South Windsor requests involvement in resolution process and requested any approval be deferred until after the work of the Task Force created by Special Act 87-110 was completed
December 16, 1987	Mediation subcommittee meets with conflicting declarants for Avon and reached a mutually agreeable solution
February 2, 1988	It is reported at the monthly WUCC meeting that the Task Force created by Special Act 87-110 completed its work without specific recommendations regarding the feasibility, advantages, or disadvantages to consolidating water service in South Windsor; WUCC subsequently votes to set MDC-CWC ESA boundary in South Windsor along Strong Road
February 16, 1988	Mediation subcommittee achieves resolution of conflicts in Enfield and East Windsor at subcommittee meeting

Work began on the ESA process in June 1988 when notices were mailed to WUCC members, local officials, and interested parties; and a legal notice and associated press release was published in the Hartford Courant by the former Upper Connecticut River WUCC requesting preliminary ESA declarations. Responses were requested by September 14, 1987.

The ESA declarations were discussed at the monthly WUCC meetings. Numerous conflicts were identified, and the WUCC decided to allow those utilities with apparent conflicts to attempt to negotiate a mutually agreeable solution to their conflicts. All conflicts were resolved by the December 1, 1987 WUCC meeting with the exception of those in Avon, Enfield, East Windsor, and South Windsor. After hearing statements from the conflicting parties, the WUCC established a mediation subcommittee

comprised of WUCC members agreeable to the conflicting utilities. The mediation subcommittee met with the Avon Water Company and Unionville Water Company regarding conflicts in Avon on December 16, 1987, reaching a mutually agreeable solution. The mediation subcommittee also assisted with resolving conflicts in Enfield and East Windsor between CWC and Hazardville Water Company on February 16, 1988.

Representatives of the MDC and CWC indicated at the December 1, 1987 monthly WUCC meeting that a tentative resolution for servicing an area along Strong Road in South Windsor had been reached, but that the MDC's governing body chose not to approve the tentative resolution due to a written request from the Town of South Windsor. The Town requested to be involved in the conflict resolution process and requested that the WUCC delay any approval of a resolution until the work of a Task Force created by Special Act 87-110 was completed and the Town had the opportunity to study the situation. At the February 2, 1988 WUCC meeting, it was reported that the Task Force had completed its work with no specific recommendations made regarding the feasibility, advantages, or disadvantages of consolidating water service in South Windsor.

Given the legislative mandate and regulatory time frames for the delineation of ESA boundaries, the former Upper Connecticut River WUCC voted to set the MDC-CWC ESA boundary in South Windsor along Strong Road as tentatively agreed by both parties. This decision was made based on a variety of factors, including the preservation of existing service areas, undefined development plans for the area near Strong Road at that time, and the need for both MDC and CWC to hydraulically reinforce their systems by looping along, or near, Strong Road. The WUCC noted that the exact ESA boundary may need to be altered if future development presented looping possibilities.

The final recommended ESA designations for areas unserved by public water service as adopted by the former Upper Connecticut River WUCC are presented in Table D-2. Note that where ESA designations crossed municipal boundaries, the ESA designations were considered to be contiguous on both sides of the municipal boundary.

TABLE D-2
Final Recommended Exclusive Service Area Designations
in Former Upper Connecticut River PWSMA, May 1988

Geographic Area	ESA Designations for Unserved Areas
Avon	Avon Water Company awarded the ESA designation for unserved areas in Avon throughout all but the western and southern portions of town. CWC awarded the ESA designation for the northwestern portion of town. Unionville Water Company awarded the ESA designation for the southwestern portion of town. Other existing systems received ESA designations coterminous with their existing service area. No areas left unassigned.
Barkhamsted	Town left unassigned with the exception of existing systems receiving ESA designations coterminous with their existing service area.
Berlin	Berlin Water Control Commission awarded the ESA designation for unserved areas in northern and eastern Berlin. Kensington Fire District awarded the ESA designation for unserved areas in Kensington Fire District. New Britain Water Department awarded ESA designation near its existing service area in northern Berlin. Worthington Fire District awarded the ESA designation for unserved areas in Worthington Fire District. Western and southern portions of Berlin left unassigned.

TABLE D-2
Final Recommended Exclusive Service Area Designations
in Former Upper Connecticut River PWSMA, May 1988

Geographic Area	ESA Designations for Unserved Areas
Bloomfield	MDC awarded ESA designation for unserved area in Bloomfield. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Bristol	Bristol Water Department awarded ESA designation for unserved areas in Bristol. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Burlington	CWC awarded ESA designation for small area in northeastern Burlington. Unionville Water Company awarded ESA designation for small areas in southeastern Burlington. Other existing systems received ESA designation coterminous with their existing service area. The majority of town was left unassigned.
Canton	CWC awarded ESA designation for all unserved areas in Canton. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Colebrook	Town left unassigned.
East Granby	CWC awarded ESA designation for eastern edge of town. MDC awarded ESA designation for northwest, north, central, east-central, and southern parts of town. Village Water Company awarded ESA designation for southwestern East Granby. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
East Hartford	MDC was awarded the ESA designation for all unserved areas in town. No areas left unassigned.
East Windsor	CWC awarded the ESA designation for all unserved areas in town. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Ellington	CWC assigned ESA boundary for the majority of unserved areas in Ellington. Ellington Acres Company awarded ESA designation for north-central Ellington. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Enfield	Connecticut Correctional Institute for Men awarded ESA designation in northeastern Enfield. CWC awarded ESA designation for all unserved areas in western and northern Enfield. Hazardville Water Company awarded ESA designation for unserved areas in central, southern, and eastern Enfield. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Farmington	MDC was awarded the ESA designation for a portion of eastern Farmington. New Britain Water Department awarded the ESA designation for much of southeastern Farmington. Unionville Water Company awarded the ESA designation for unserved areas in all of central and western Farmington. Other existing systems received ESA designation coterminous with their existing service area. A small area in the southeastern portion of Farmington was left unassigned.
Glastonbury	MDC awarded the ESA designation for most of Glastonbury with the exception of those awarded to Manchester Water Department in north-central Glastonbury. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.

TABLE D-2
Final Recommended Exclusive Service Area Designations
in Former Upper Connecticut River PWSMA, May 1988

Geographic Area	ESA Designations for Unserved Areas
Granby	Village Water Company awarded ESA designation for all unserved areas in Granby. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Hartford	MDC was awarded the ESA designation for all unserved areas in Hartford. No areas left unassigned.
Hartland	Town left unassigned.
Harwinton	CWC awarded the ESA designation for the southern portion of Harwinton. Torrington Water Company awarded the ESA designation for a small area in northwestern Harwinton. Other existing systems received ESA designations coterminous with their existing service area. Majority of town left unassigned.
Manchester	Manchester Water Department was awarded the ESA designation for all unserved areas in the town, except for a small area on the western border assigned to MDC. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
New Britain	New Britain Water Department awarded the ESA designation for all unserved areas in the city. No areas left unassigned.
New Hartford	CWC awarded the ESA designation for a small portion of southeastern New Hartford. Other existing systems received ESA designation coterminous with their existing service area. Majority of town left unassigned.
Newington	MDC was awarded the ESA designation for the majority of unserved areas in town, with the exception of two areas in western Newington which were awarded to the New Britain Water Department. Two areas on the western border were left unassigned.
Plainville	Plainville Water Company awarded ESA designation for all unserved areas in Plainville. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Rocky Hill	MDC was awarded the ESA designation for all unserved areas in town. No areas left unassigned.
Simsbury	Avon Water Company awarded ESA designation for the south central portion of Simsbury near its existing service area along the Avon town line. Village Water Company awarded ESA designation for all remaining unserved areas in Simsbury. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Somers	Connecticut Correctional Institute for Men awarded ESA designation in northwestern Enfield. CWC awarded ESA designation in southwestern, central, southern, and southeastern Somers. Hazardville Water Company awarded ESA designation in northern and western areas of Somers. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Southington	New Britain Water Department awarded ESA designation for a small area in northeastern Southington. Plainville Water Company awarded a small areas in northern Southington. Southington Water Company awarded ESA designation for all remaining unserved areas, except for unassigned areas. Other existing systems received ESA designation coterminous with their existing service area. Several areas along eastern and western borders left unassigned.

TABLE D-2
Final Recommended Exclusive Service Area Designations
in Former Upper Connecticut River PWSMA, May 1988

Geographic Area	ESA Designations for Unserved Areas
South Windsor	CWC awarded the ESA designation for the northern and eastern portions of town. MDC awarded the ESA designation for essentially the southwestern quarter of town. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
Suffield	CWC awarded ESA designation for entire municipality. No areas left unassigned.
Vernon	CWC awarded ESA designation for nearly all unserved areas in Vernon. Manchester Water Department awarded a small ESA designation near its existing service area in southern Vernon. Other existing systems received ESA designation coterminous with their existing service area. No areas left unassigned.
West Hartford	MDC was awarded the ESA designation for all unserved areas in town. No areas left unassigned.
Wethersfield	MDC was awarded the ESA designation for all unserved areas in town. No areas left unassigned.
Windsor	MDC awarded ESA designation for entire municipality. No areas left unassigned.
Windsor Locks	CWC awarded ESA designation for unserved areas in nearly all of Windsor Locks, with the exception of a small area in the southwestern corner awarded to MDC. No areas left unassigned.

Following approval of the *Final Exclusive Service Area Boundaries* by the former Upper Connecticut River WUCC, the ESA boundaries were placed into use by Connecticut DPH. Following the conclusion of the former Coordinated Water System Planning process in May 1988, the former Upper Connecticut River WUCC continued to meet on an annual or semi-annual basis, but did not have the funding to revisit the coordinated plan. Several adjustments to ESA boundaries were approved by the former Upper Connecticut River WUCC between 1989 and 2015 as summarized by municipality below:

- Avon: The Unionville Water Company was later purchased by CWC. ESA boundaries for unserved areas in southwestern Avon originally awarded to Unionville Water Company were transferred to CWC and consolidated with nearby ESA boundaries designated for CWC in Avon, Burlington, and Farmington.
- Burlington: The Unionville Water Company was later purchased by CWC. ESA boundaries for unserved areas in southeastern Burlington originally awarded to Unionville Water Company were transferred to CWC and consolidated with nearby ESA boundaries designated for CWC in Avon, Burlington, and Farmington. The Bristol Water Department was awarded the ESA designation for southern Burlington. The Torrington Water Company was awarded the ESA designation for unserved areas in the remainder of Burlington.
- Canton: The northeastern portion of Canton was later assigned to Village Water Company, and the ESA designation was consolidated with nearby ESA boundaries designated for Village Water Company in Granby and Simsbury. Village Water Company was later purchased by AWC, and the ESA boundaries awarded to Village Water Company were transferred to AWC.

- East Granby: Village Water Company was later purchased by AWC, and the ESA boundaries awarded to Village Water Company were transferred to AWC.
- Ellington: Ellington Acres Company was later purchased by CWC, and the ESA boundaries originally awarded to Ellington Acres Company transferred to CWC. The ESA designation was consolidated within nearby ESA boundaries designated for CWC in Ellington and Somers.
- Enfield: The Connecticut Correctional Institute transferred its ESA designation for unserved areas to CWC.
- Farmington: The Unionville Water Company was later purchased by CWC. ESA boundaries for unserved areas in Farmington originally awarded to Unionville Water Company were transferred to CWC and consolidated with nearby ESA boundaries designated for CWC in Avon and Burlington. The Avon Water Company acquired the Farmington Woods Condominium system and received an ESA boundary in northern Farmington coterminous with the boundary of the condominium property.
- Granby: Village Water Company was later purchased by AWC, and the ESA boundaries awarded to Village Water Company were transferred to AWC.
- Harwinton: The Torrington Water Company was awarded an expanded ESA designation encompassing unserved areas in the majority of Harwinton, with the exception of the southern portion of town.
- New Hartford: The Torrington Water Company was awarded the ESA designation for two small portions of southwestern New Hartford.
- Plainville: The Plainville Water Company was purchased by Valley Water Systems, Inc. and the ESA boundaries awarded to Plainville Water Company were transferred to Valley Water Systems, Inc.
- Simsbury: Village Water Company was later purchased by AWC, and the ESA boundaries awarded to Village Water Company were transferred to AWC.
- Somers: The Connecticut Correctional Institute transferred its ESA designation for unserved areas to CWC.
- Southington: With the purchase of Plainville Water Company, the Southington Water Department was awarded the small ESA designation in northern Southington that was previously awarded to Plainville Water Company.



APPENDIX E

STATEMENTS OF CONFIRMATION AND ESA MAPPING



The first table herein presents the municipalities by ESA map number, and identifies those entities who are ESA holders shown on each map. The second table herein lists each ESA holder, and identifies which ESA map numbers are applicable to their Statement of Confirmation. Statements of Confirmation and ESA maps follow these tables.

**TABLE E-1
ESA MAP INDEX**

ESA Map Number	Municipality	ESA Holder(s) for Portions or All of Municipality
1	Ansonia	South Central Connecticut Regional Water Authority
2	Barkhamsted	Winsted Water Works
3	Beacon Falls	Aquarion Water Company, Connecticut Water Company
4	Bethel	Aquarion Water Company, Bethel Water Department
5	Bethlehem	Aquarion Water Company, Town of Bethlehem
6	Bridgeport	Aquarion Water Company
7	Bridgewater	Aquarion Water Company
8	Bristol	Bristol Water Department
9	Brookfield	Aquarion Water Company
10	Burlington	Bristol Water Department, Connecticut Water Company, Torrington Water Company
11	Canaan	None
12	Cheshire	South Central Connecticut Regional Water Authority
13	Colebrook	None
14	Cornwall	Aquarion Water Company
15	Danbury	Danbury Water Department
16	Darien	Aquarion Water Company
17	Derby	South Central Connecticut Regional Water Authority
18	Easton	Aquarion Water Company
19	Fairfield	Aquarion Water Company
20	Goshen	Town of Goshen
21	Greenwich	Aquarion Water Company
22	Hartland	None
23	Harwinton	Connecticut Water Company, Torrington Water Company
24	Kent	Aquarion Water Company
25	Litchfield	Aquarion Water Company
26	Middlebury	Aquarion Water Company, Connecticut Water Company
27	Monroe	Aquarion Water Company
28	Morris	Town of Morris
29	Naugatuck	Connecticut Water Company
30	New Canaan	Aquarion Water Company
31	New Fairfield	Aquarion Water Company, New Fairfield Water Pollution Control Authority
32	New Hartford	Connecticut Water Company, New Hartford Water Pollution Control Authority, Torrington Water Company
33	New Milford	Aquarion Water Company
34	Newtown	Aquarion Water Company
35	Norfolk	Aquarion Water Company
36	North Canaan	Aquarion Water Company

**TABLE E-1
 ESA MAP INDEX**

ESA Map Number	Municipality	ESA Holder(s) for Portions or All of Municipality
37	Norwalk	City of Norwalk First Taxing District, South Norwalk Electric & Water
38	Oxford	Aquarion Water Company, Connecticut Water Company, Heritage Village Water Company
39	Plymouth	Connecticut Water Company
40	Prospect	Connecticut Water Company
41	Redding	Aquarion Water Company
42	Ridgefield	Aquarion Water Company
43	Roxbury	Aquarion Water Company
44	Salisbury	Aquarion Water Company
45	Seymour	Aquarion Water Company, South Central Connecticut Regional Water Authority
46	Sharon	Sharon Water Department
47	Shelton	Aquarion Water Company
48	Sherman	Aquarion Water Company
49	Southbury	Heritage Village Water Company
50	Stamford	Aquarion Water Company
51	Stratford	Aquarion Water Company
52	Thomaston	Connecticut Water Company
53	Torrington	Torrington Water Company
54	Trumbull	Aquarion Water Company
55	Warren	None
56	Washington	Aquarion Water Company
57	Waterbury	Waterbury Water Department
58	Watertown	None
59	Weston	Aquarion Water Company
60	Westport	Aquarion Water Company
61	Wilton	Aquarion Water Company
62	Winchester	Winsted Water Works
63	Wolcott	Wolcott Water Department
64	Woodbury	Aquarion Water Company, Watertown Fire District

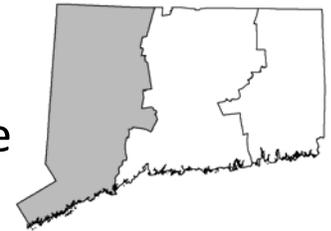
**TABLE E-2
 ESA HOLDERS AND ASSOCIATED ESA MAPS**

ESA Holder	Municipalities Containing ESAs	ESA Map Number(s)
Aquarion Water Company	Beacon Falls, Bethel, Bethlehem, Bridgeport, Bridgewater, Brookfield, Cornwall, Darien, Easton, Fairfield, Greenwich, Kent, Litchfield, Middlebury, Monroe, New Canaan, New Fairfield, New Milford, Newtown, Norfolk, North Canaan, Oxford, Redding, Ridgefield, Roxbury, Salisbury, Seymour, Shelton, Sherman, Stamford, Stratford, Trumbull, Washington, Weston, Westport, Wilton, Woodbury	3, 4, 5, 6, 7, 9, 14, 16, 18, 19, 21, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 41, 42, 43, 44, 45, 47, 48, 50, 51, 54, 56, 59, 60, 61, 64

**TABLE E-2
 ESA HOLDERS AND ASSOCIATED ESA MAPS**

ESA Holder	Municipalities Containing ESAs	ESA Map Number(s)
Bethel Water Department (Town of Bethel)	Bethel	4
Bristol Water Department (City of Bristol)	Bristol, Burlington	8, 10
Connecticut Water Company	Beacon Falls, Burlington, Harwinton, Middlebury, Naugatuck, New Hartford, Oxford, Plymouth, Prospect, Thomaston	3, 10, 23, 26, 29, 32, 38, 39, 40, 52
Danbury Water Department (City of Danbury)	Danbury	15
First Taxing District of the City of Norwalk	Norwalk	37
Goshen, Town of	Goshen	20
Heritage Village Water Company	Oxford, Southbury	38, 49
Morris, Town of	Morris	28
New Fairfield Water Pollution Control Authority (Town of New Fairfield)	New Fairfield	31
New Hartford Water Pollution Control Authority (Town of New Hartford)	New Hartford	32
South Central Connecticut Regional Water Authority	Ansonia, Cheshire, Derby, Seymour	1, 12, 17, 45
Sharon Water Department (Town of Sharon)	Sharon	46
South Norwalk Electric & Water	Norwalk	37
Torrington Water Company	Burlington, Harwinton, New Hartford, Torrington	10, 23, 32, 53
Waterbury Water Department (City of Waterbury)	Waterbury	57
Watertown Fire District	Woodbury	64
Winsted Water Works (Town of Winchester)	Barkhamsted, Winchester	2, 62
Wolcott Water Department (Town of Wolcott)	Wolcott	63

Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

Whereas, in accordance with Section 25-33h of the Connecticut General Statutes, each potential Exclusive Service Area (ESA) holder in the Western Public Water Supply Management Area (PWSMA) is granted the right to request, through a declaration process, its future service area; and

Whereas, the Western Water Utility Coordinating Committee (WUCC) has formally requested such ESA declarations from potential providers and has received such declarations from interested parties within the Western PWSMA; and

Whereas, the Western WUCC has reviewed the declared ESA boundaries and confirms that all conflicts between potential ESA holders have been resolved through a process developed by the WUCC; and

Whereas, the Western WUCC will make recommendations to the Connecticut Department of Public Health (DPH) with regard to ESA awards;

Therefore, the undersigned accepts responsibility for the ESA as recommended by the Western WUCC and will abide by the following provisions:

1. Service Area Boundaries: The undersigned acknowledge that the attached physical map or maps, as identified below and as prepared from Geographic Information System (GIS) mapping, accurately identifies the ESA of the undersigned ESA holder as accepted by the Western WUCC on or prior to April 11, 2017. Copies of the approved maps and Statements of Confirmation will be kept on file at the Connecticut DPH offices and will be available for public review. Unofficial copies will be available electronically online on the Western WUCC website hosted by Connecticut DPH.
2. Rights and Responsibilities: As specified by the Regulations of Connecticut State Agencies 25-33h-1(k)(2), the undersigned acknowledges its right and responsibility for providing adequate service as requested by consumers and under terms otherwise provided by statute, regulation and ordinance within their ESA boundaries within a reasonable timeframe. Such rights and responsibilities are detailed in the ESA Document prepared by the Western WUCC. The undersigned acknowledges that it will adhere to any applicable changes to the statutes and regulations which may occur from time to time.
3. Boundary Adjustments: If at some time in the future it is in the best interest of the undersigned to make adjustments to an ESA boundary, such adjustments must be made in accordance with the ESA Modification Procedures in the Western WUCC Work Plan and be approved by the Connecticut DPH. Such adjustments must be reconfirmed by completion of a new Statement of Confirmation of ESA Boundaries and updates to the associated mapping.

Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of _____
Date

ESA Holder

Representative (Signature)

Representative (Print)

Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: _____

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

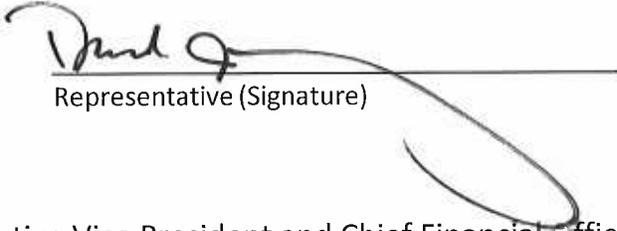
Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 5/2/17
Date

Aquarion Water Company
ESA Holder


Representative (Signature)

Donald J. Morrissey
Representative (Print)

Executive Vice President and Chief Financial Officer
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: _____

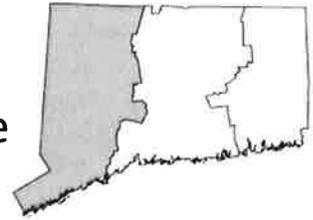
3, 4, 5, 6, 7, 9, 14, 16, 18, 19, 21, 24, 25, 26, 27, 30, 31, 33, 34, 35, 36, 38, 41, 42, 43, 44, 45, 47, 48, 50, 51, 54, 56, 59, 60, 61, 64

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

Aquarion ESA's are for either the entire town (with the exception of areas currently served by other water systems) or the area shown on the maps attached to this confirmation and listed below:

Beacon Falls, Bethel, Bethlehem, Bridgeport, Bridgewater, Brookfield, Cornwall, Darien, Easton, Fairfield, Greenwich, Kent, Litchfield, Middlebury, Monroe, New Canaan, New Fairfield, New Milford, Newtown, Norfolk, North Canaan, Oxford, Redding, Ridgefield, Roxbury, Salisbury, Seymour, Shelton, Sherman, Stamford, Stratford, Trumbull, Washington, Weston, Westport, Wilton, Woodbury

Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of June 2, 2017
Date

Connecticut Water Company
ESA Holder


Representative (Signature)

Craig J. Patla
Representative (Print)

Vice President - Service Delivery
Title (Print)

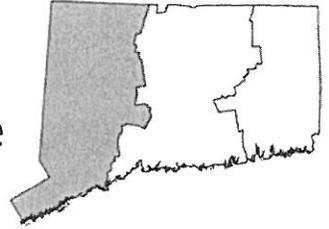
ESA Map Numbers Associated with this Statement of Confirmation: _____

3, 10, 23, 26, 29, 32, 38, 39,
40, 52, 57

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

All or portions of the towns of Beacon Falls, Burlington, Harwinton, Middlebury, Naugatuck,
New Hartford, Oxford, Plymouth, Prospect, Thomaston, Waterbury

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 5/5/2017.
Date

First Taxing District Water Dept.
ESA Holder

[Signature]
Representative (Signature)

Dominick M. Di Gangi, PE
Representative (Print)

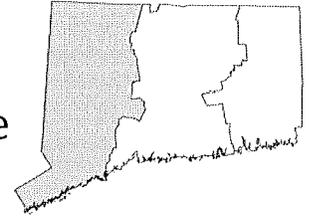
General Manager
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 37, 30, 60 & 61

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

The eastern half of Norwalk as shown on the
map. In New Canaan, the area along Valley
Road and Silvermine Road. In Wilton areas
along Old Kings Highway. In Westport
areas adjacent to Norwalk.

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 4/19/17
Date

Town of Goshen
ESA Holder

[Signature]
Representative (Signature)

Robert P. Valentine
Representative (Print)

First Selectman
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: ESA Fig. 20 (March 16, 2017)

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:
All areas within the town of Goshen that are not currently existing and DEEP lands.

Western Region
Water Utility Coordinating Committee



**STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA**

The undersigned ESA holder has executed this Statement of Confirmation as of June 2, 2017
Date

Heritage Village Water Company
ESA Holder


Representative (Signature)

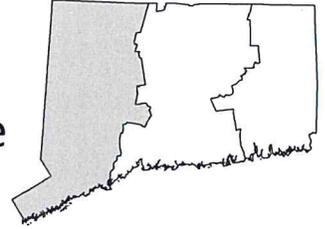
Craig J. Patla
Representative (Print)

Vice President - Service Delivery
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: _____
26, 38, 49

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:
All or portions of the towns of Middlebury, Oxford, Southbury

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 5/16/17.
Date

Town of New Fairfield
ESA Holder

Susan Chapman
Representative (Signature)

Susan Chapman
Representative (Print)

First Selectman
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: Map #31

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

The town's ESA is located in the town center

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of June 9, 2017
Date

South Central CT Regional
ESA Holder Water Authority

Rose M. Gavrilovic
Representative (Signature)

Representative (Print)

Rose M. Gavrilovic
Title (Print) Director of Capital
Planning & Delivery

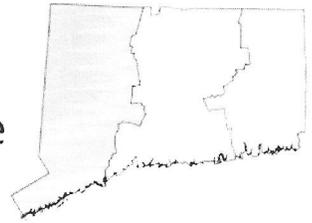
ESA Map Numbers Associated with this Statement of Confirmation: _____

Map 1, 12, 17, 45, 63

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

Towns of Derby, Ansonia, ^{part of} Seymour, Cheshire,
Wolcott

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 6/9/17 Date

SOUTH NORWALK ELECTRIC & WATER
ESA Holder

Thomas Villa
Representative (Signature)

THOMAS VILVA
Representative (Print)

DIRECTOR OF WATER OPERATIONS
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: _____

ESA FIG. 37

ESA FIG. 61 (EXISTING SERVICE AREA)

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

ESA FIG. 37 - CITY OF NORWALK. SNEW ESA PRIMARILY
THE WESTERN SECTION AND NORTHWESTERN SECTION OF
NORWALK

ESA FIG. 61 - TOWN OF WILTON. EXISTING SERVICE AREA
IN THE SOUTHWESTERN SECTION OF WILTON

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 5-9-17.
Date

Torrington Water Co
ESA Holder

[Signature]
Representative (Signature)

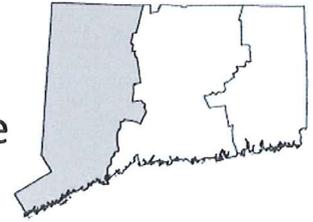
Steven F. Carruto
Representative (Print)

VP Operations
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: #32 53 10 23

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of April 21, 2017.
Date

Waterbury Water Department
ESA Holder


Representative (Signature)

Donald Carver
Representative (Print)

Interim Superintendent
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: #57

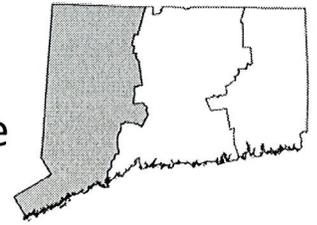
Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

Map enclosed shows Waterbury Water Departments exclusive service area for the City of Waterbury, CT.

There is a small section of the City that is located in the South West that is served by Connecticut

Water Company. It is outlined in brown coloring and titled "Other Community Water Service Areaa and Exclusive Service Areas".

Western Region Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 4.13.17 Date

WATERTOWN FIVE DISTRICT
ESA Holder

MICHAEL C TANVES
Representative (Signature)

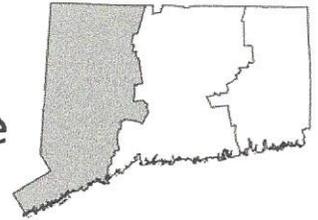
MICHAEL C TANVES
Representative (Print)

SUPERINTENDENT
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: MAP # 64

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

Western Region
Water Utility Coordinating Committee



STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
WESTERN PUBLIC WATER SUPPLY MANAGEMENT AREA

The undersigned ESA holder has executed this Statement of Confirmation as of 4/19/17 Date

WINSTED WATER WORKS
ESA Holder

James W. Rollins Jr.
Representative (Signature)

JAMES W. ROLLINS JR.
Representative (Print)

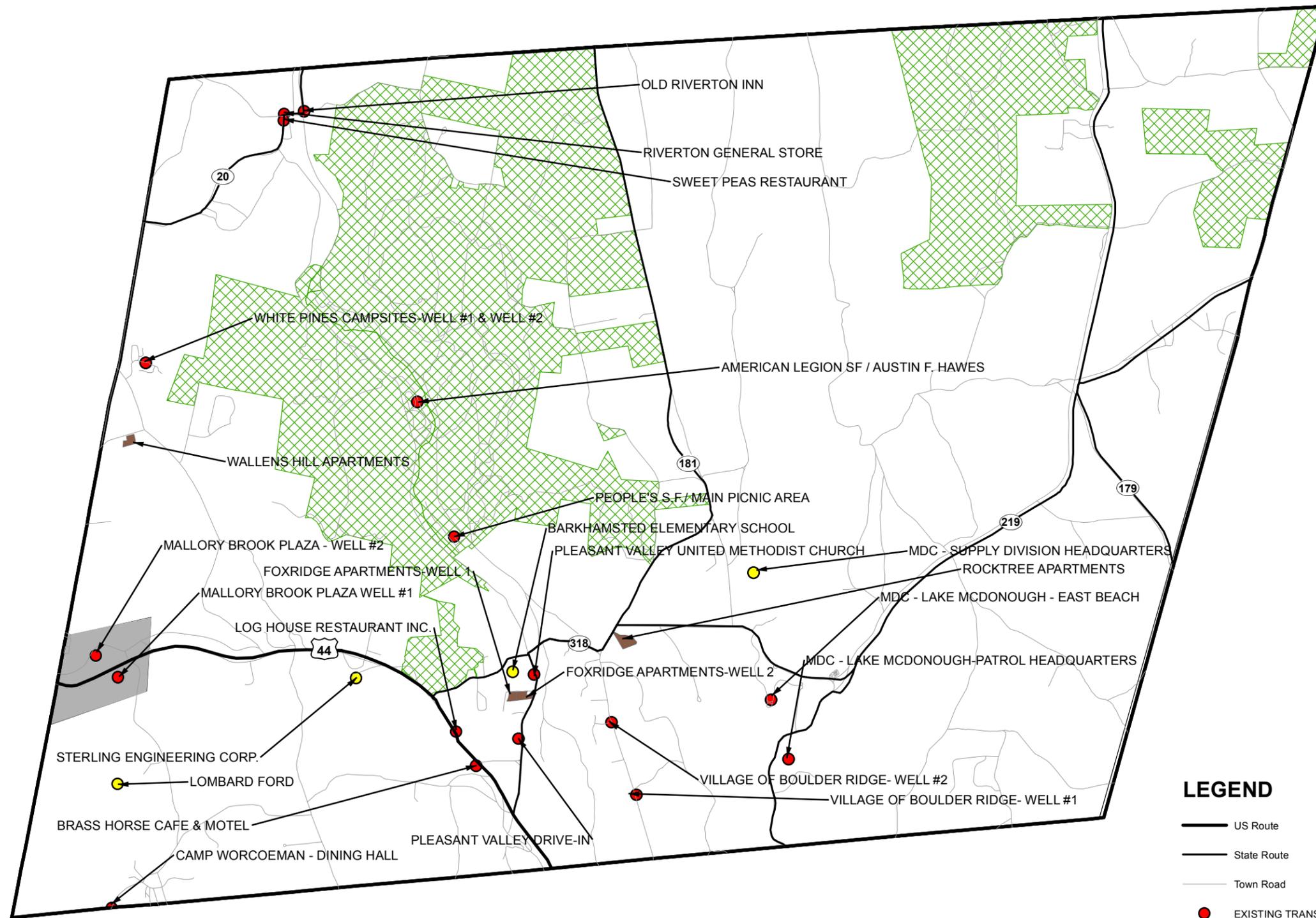
DIRECTOR OF PUBLIC WORKS
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: # 2 , # 62

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

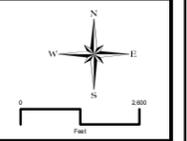
100% OF THE TOWN OF WINCHESTER AND APPROXIMATELY
THE WESTERN MILE OF THE ROUTE 44 CORRIDOR.

D:\Projects\1017-05-04\1017-05-04\1017-05-04.dwg



LEGEND

-  US Route
-  State Route
-  Town Road
-  EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
-  EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
-  DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
-  EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
-  WINSTED WATER WORKS FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
-  COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Update	05/18/2017	MER

Barkhamsted ESA Declaration
For Barkhamsted ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Barkhamsted, CT

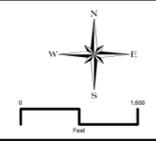
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 22, 2017		
PROJECT NO. 1017-05-04		
ESA Fig. 2		
SHEET NAME		

\\nas01\proj\10170504\10170504\10170504.dwg



LEGEND

- State Route
- Town Road
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER CO OF CT-VALLEY SYSTEM SERVICE AREA
- CTWC - NAUGATUCK REGION-CENTRAL SYSTEM SERVICE AREA



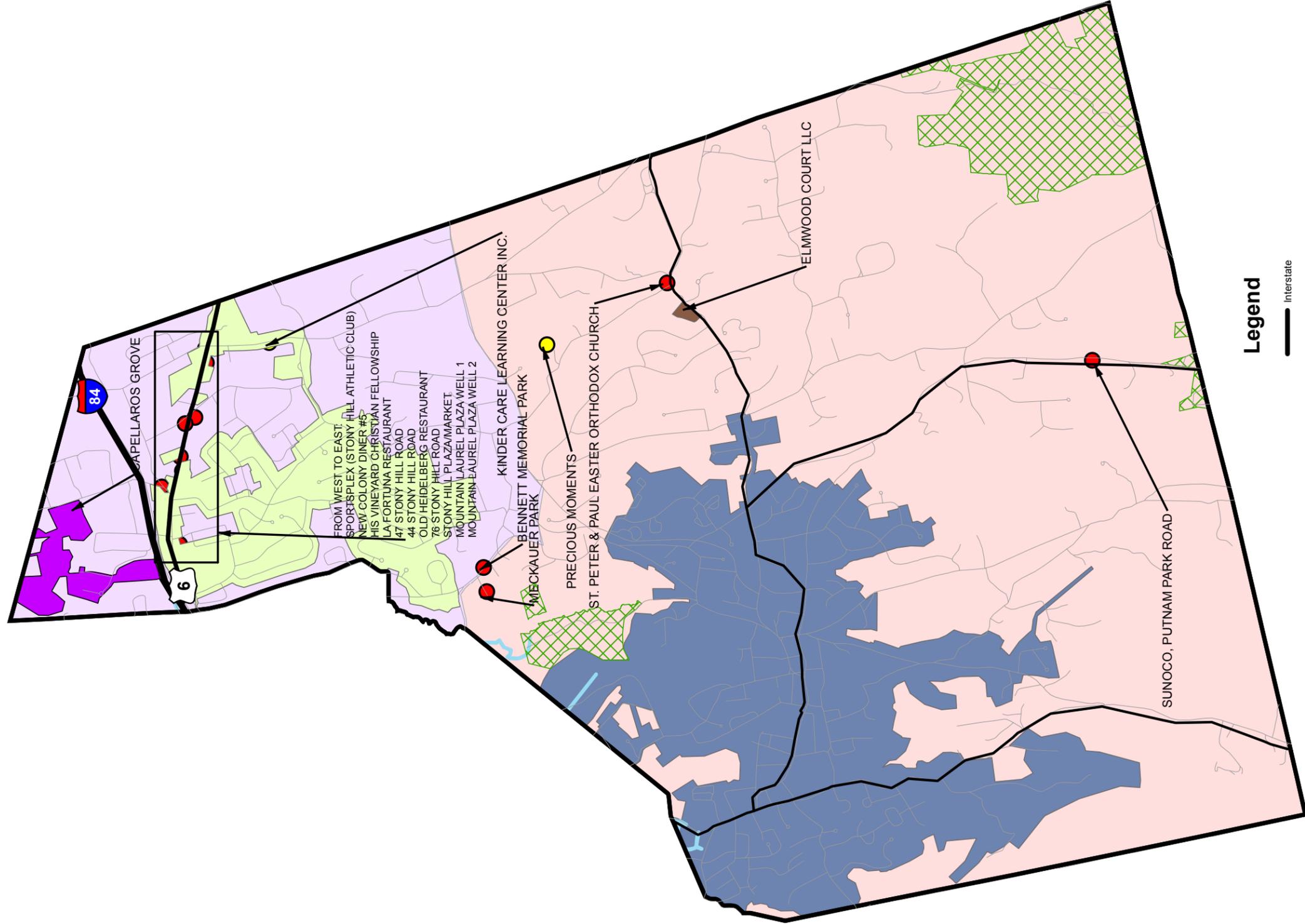
MILONE & MACBROOM
 89 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax: (203) 272-9733
 www.miloneandmacbroom.com

DESCRIPTION	DATE	BY

Beacon Falls ESA Declaration
 For Beacon Falls ESA Boundary Delineation
 Western PW SMA
 Western WUCC
 Beacon Falls, CT

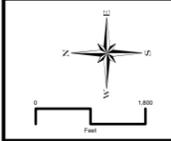
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:30,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 3



Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- BETHEL WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER CO OF CT-BERKSHIRE CORP SERVICE AREA
- AQUARION WATER CO OF CT-CHIMNEY HEIGHTS SERVICE AREA
- BETHEL WATER DEPT SERVICE AREA
- DANBURY WATER DEPARTMENT SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



MILONE & MACBROOM
 99 Reedy Drive
 Shelton, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

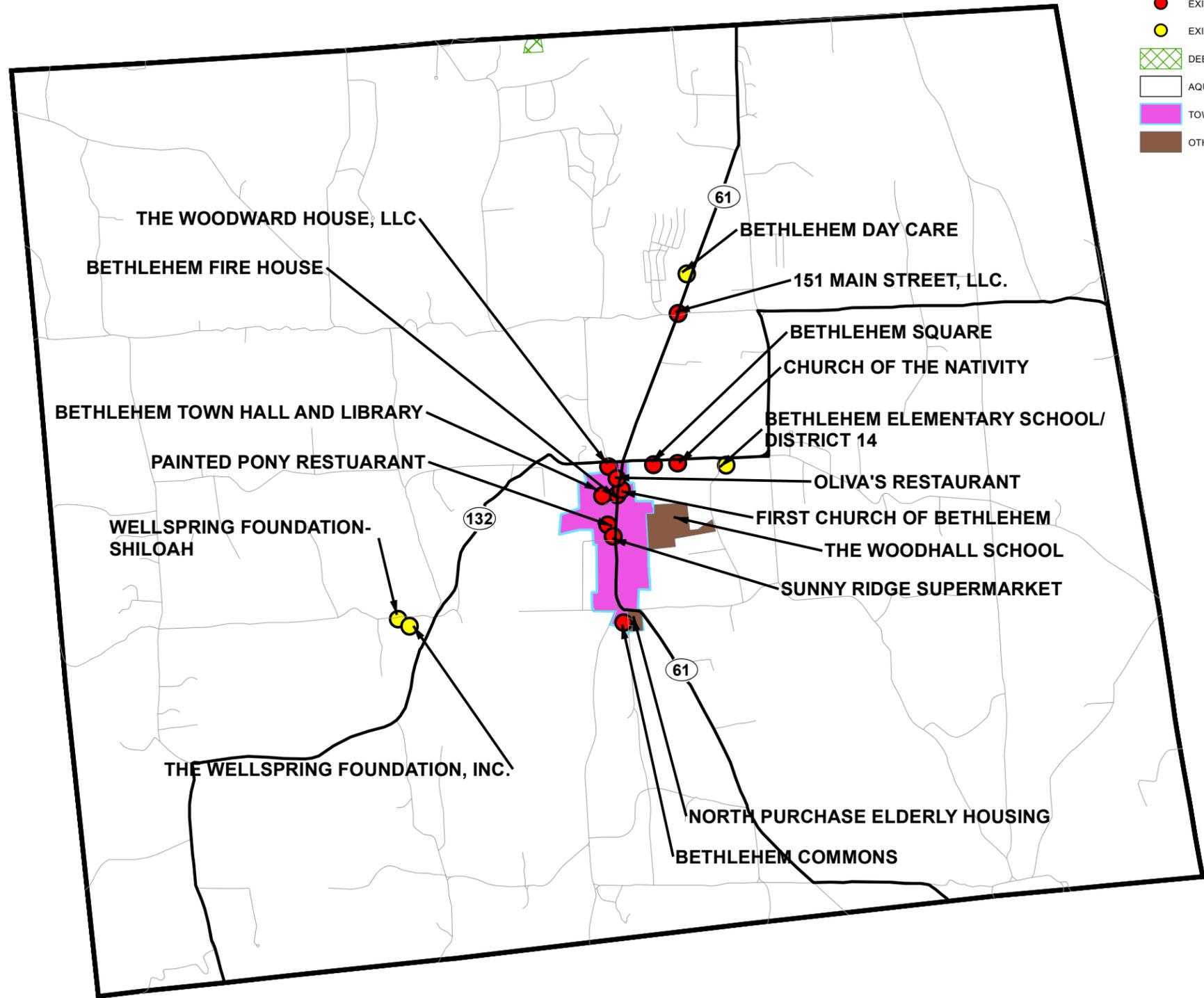
DESCRIPTION	DATE	BY

Bethel ESA Declaration
 For Bethel ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Bethel, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

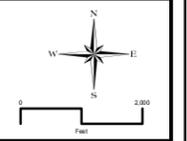
ESA Fig. 4

path:\projects\1017-05-04\1017-05-04.dwg



LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- ▨ DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- TOWN OF BETHLEHEM FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

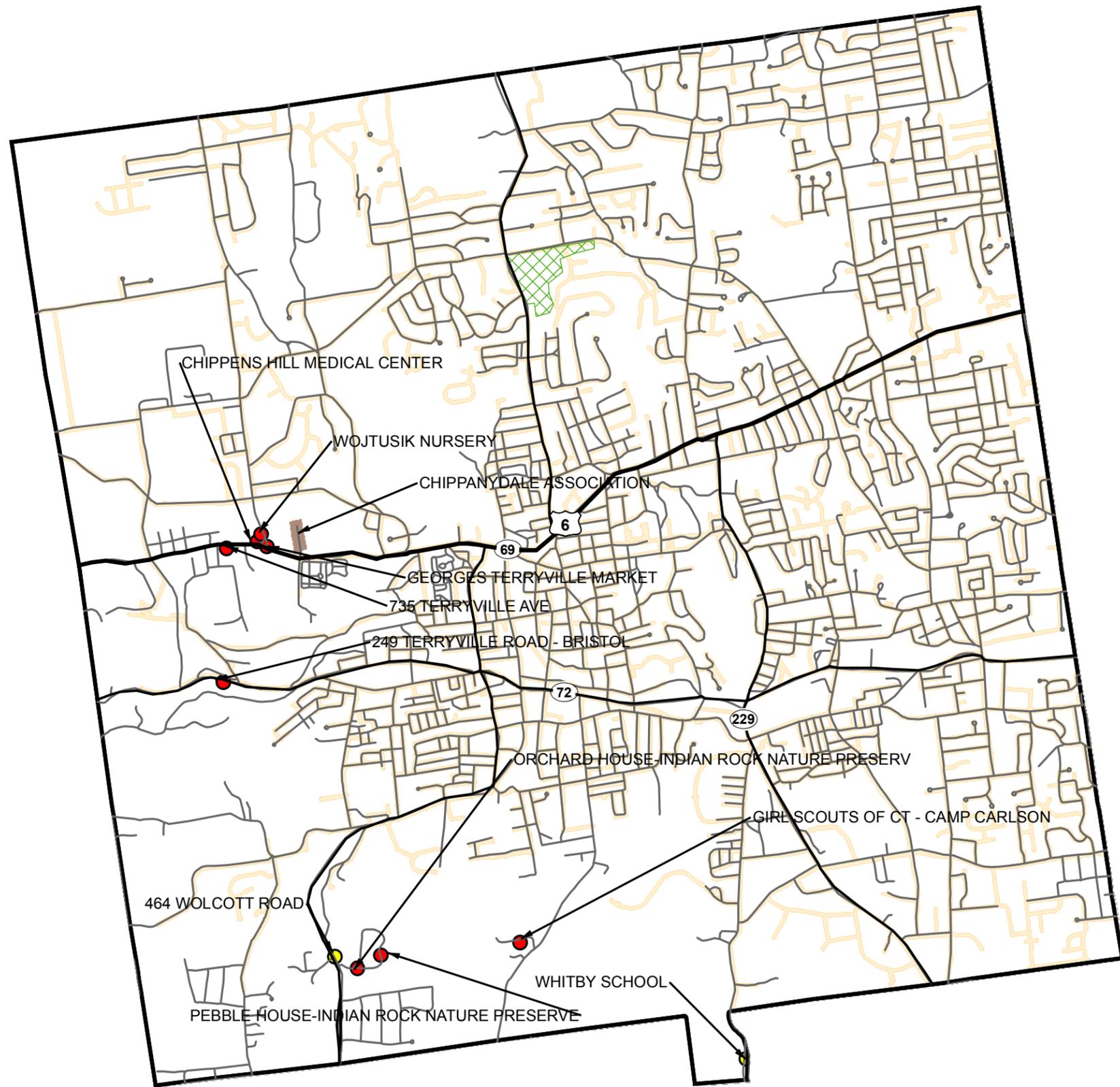
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Bethlehem ESA Declaration
 For Bethlehem ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Bethlehem, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

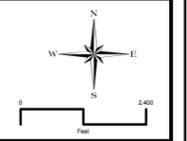
ESA Fig. 5

path: \\server1\public\work\10170504\10170504.mxd



Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- BRISTOL WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- BRISTOL WATER DEPARTMENT SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



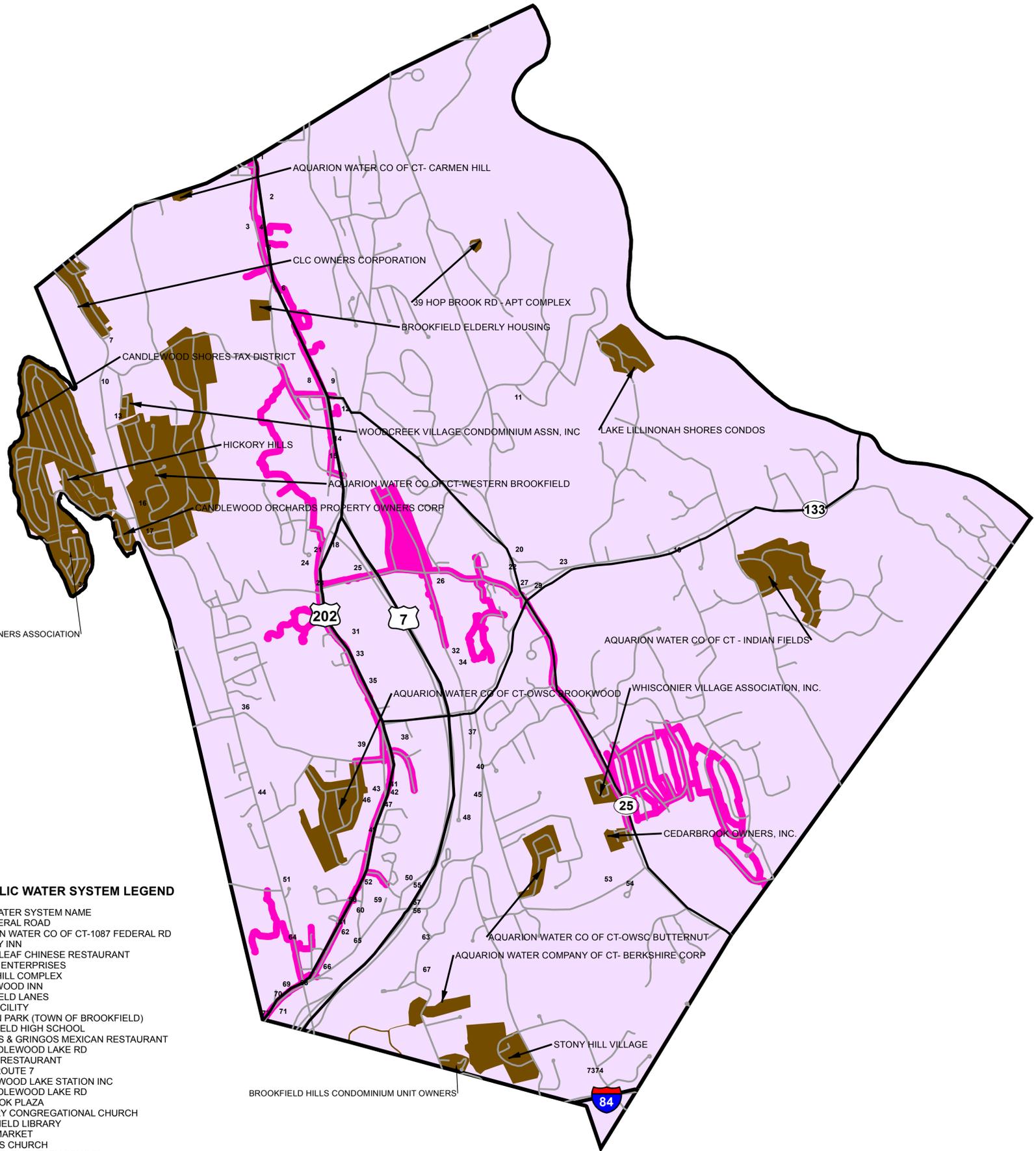
MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DESCRIPTION	DATE	BY
1	Legend Update	05/19/2017	MER

Bristol ESA Declaration
For Bristol ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Bristol, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:42,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 8



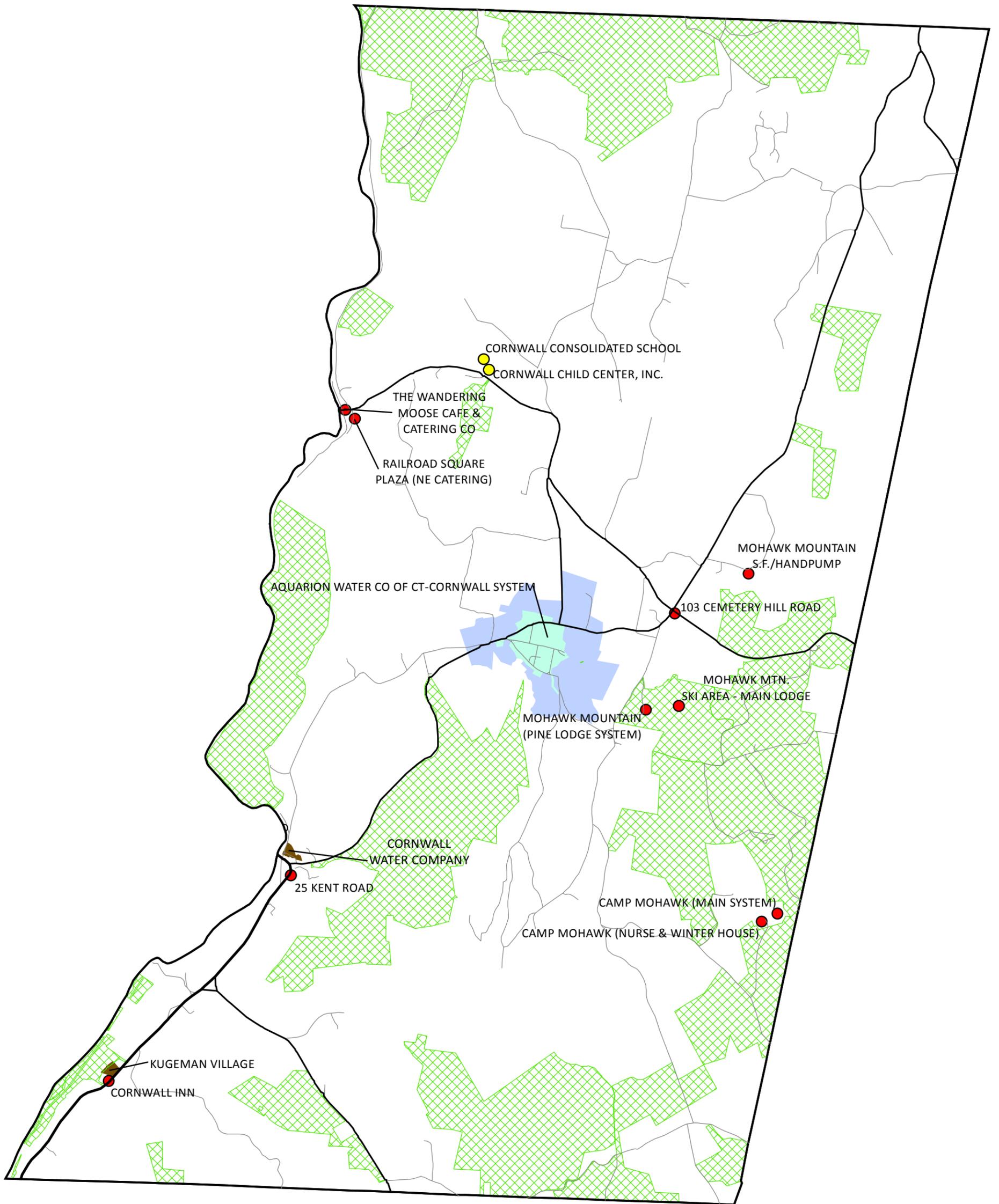
NON COMMUNITY PUBLIC WATER SYSTEM LEGEND

- 1 □ CT0189863 □ 1114 FEDERAL ROAD
- 2 □ CT0189843 □ AQUARION WATER CO OF CT-1087 FEDERAL RD
- 3 □ CT0181184 □ NEWBURY INN
- 4 □ CT0180374 □ GOLDEN LEAF CHINESE RESTAURANT
- 5 □ CT0180264 □ COSMOS ENTERPRISES
- 6 □ CT0180464 □ LAUREL HILL COMPLEX
- 7 □ CT0180204 □ CANDLEWOOD INN
- 8 □ CT0181182 □ BROOKFIELD LANES
- 9 □ CT0181222 □ SHELL FACILITY
- 10 □ CT0180164 □ CADIGAN PARK (TOWN OF BROOKFIELD)
- 11 □ CT0181142 □ BROOKFIELD HIGH SCHOOL
- 12 □ CT0181194 □ PANCHOS & GRINGOS MEXICAN RESTAURANT
- 13 □ CT0189864 □ 439 CANDLEWOOD LAKE RD
- 14 □ CT0180404 □ HEARTH RESTAURANT
- 15 □ CT0180364 □ 18 OLD ROUTE 7
- 16 □ CT0180604 □ CANDLEWOOD LAKE STATION INC
- 17 □ CT0189924 □ 292 CANDLEWOOD LAKE RD
- 18 □ CT0180814 □ ELMBROOK PLAZA
- 19 □ CT0180534 □ NEWBURY CONGREGATIONAL CHURCH
- 20 □ CT0180144 □ BROOKFIELD LIBRARY
- 21 □ CT0180414 □ HI-WAY MARKET
- 22 □ CT0180644 □ ST. PAULS CHURCH
- 23 □ CT0181132 □ CENTER ELEMENTARY SCHOOL
- 24 □ CT0189313 □ TOYOTOMI AMERICA INC
- 25 □ CT0189013 □ SILVERMINE ROAD WATER SYSTEM
- 26 □ CT0189923 □ U. S. POST OFFICE - BROOKFIELD
- 27 □ CT0181102 □ SAINT JOSEPH SCHOOL
- 28 □ CT0180624 □ EXTRA SPACE STORAGE
- 29 □ CT0189964 □ SAINT JOSEPH CHURCH
- 30 □ CT0180794 □ CANDLEWOOD EAST BEACH CLUB/MARINA
- 31 □ CT0189323 □ THE WHITE HOUSE
- 32 □ CT0180694 □ MCMULLIN MANUFACTURING CORPORATION
- 33 □ CT0180854 □ COLONIAL SQUARE SHOPPING CENTER
- 34 □ CT0181034 □ 50 POCONO ROAD
- 35 □ CT0189944 □ THE DIVE SHOP AQUATIC CENTER
- 36 □ CT0189793 □ ST MARGUERITE BOURGEOYS CHURCH
- 37 □ CT0180384 □ GREEN TREE TOYOTA
- 38 □ CT0180834 □ CHRISTIAN LIFE ACADEMY
- 39 □ CT0189353 □ BROOKFIELD REGIONAL YMCA
- 40 □ CT0189093 □ FELCHRIS - 61 COMMERCE DRIVE
- 41 □ CT0180984 □ 316 FEDERAL ROAD
- 42 □ CT0189914 □ 305 FEDERAL ROAD
- 43 □ CT0180342 □ BROOKFIELD OFFICE PARK ASSOCIATION
- 44 □ CT0181122 □ HUCKLEBERRY HILL ELEMENTARY SCHOOL
- 45 □ CT0189133 □ BROOKFIELD COMMERCE - 91 COMMERCE DRIVE
- 46 □ CT0180352 □ BROOKFIELD PROFESSIONAL BLDG
- 47 □ CT0180194 □ 537 FEDERAL ROAD - BROOKFIELD
- 48 □ CT0189923 □ 125 COMMERCE DRIVE
- 49 □ CT0180104 □ BROOKFIELD COMMONS
- 50 □ CT0180344 □ FOX HILL INN
- 51 □ CT0181214 □ 70 CANDLEWOOD LAKE ROAD
- 52 □ CT0181104 □ 189 SPORTS CAFE
- 53 □ CT0180724 □ VALLEY PRESBYTERIAN CHURCH
- 54 □ CT0181112 □ WHISCONIER MIDDLE SCHOOL
- 55 □ CT0180454 □ ALL-STAR TRANSPORTATION
- 56 □ CT0189403 □ BOBS DISCOUNT FURNITURE
- 57 □ CT0189563 □ LANDMARK OFFICE CONDO ASSOCIATION
- 58 □ CT0180334 □ FIRESTONE TIRES
- 59 □ CT0189493 □ COUNTRY KIDS PLAY FARM
- 60 □ CT0189763 □ COUNTRY KIDS CLUB
- 61 □ CT0181134 □ SHELL STATION - 138 FEDERAL RD
- 62 □ CT0180514 □ FIVE GUYS FAMOUS BURGERS
- 63 □ CT0181124 □ GOLF QUEST
- 64 □ CT0189483 □ CANDLEWOOD LAKE SHOPPING PLAZA
- 65 □ CT0189393 □ BROOKFIELD (E&A, LLC) - SHOPRITE PLAZA
- 66 □ CT0189954 □ 83 FEDERAL ROAD
- 67 □ CT0189873 □ PHARMCO PRODUCTS
- 68 □ CT0180634 □ RG 49 FEDERAL ROAD, LLC
- 69 □ CT0180614 □ WENDYS RESTAURANT
- 70 □ CT0180664 □ 30 FEDERAL RD
- 71 □ CT0180564 □ PIZZA HUT
- 72 □ CT0340614 □ KENTUCKY FRIED CHICKEN OF DANBURY, INC.
- 73 □ CT0189973 □ PHOTRONICS, INC. BUILDING 1
- 74 □ CT0189983 □ PHOTRONICS, INC. BUILDING 2

Legend

- TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- Interstate
- US Route
- State Route
- Town Road
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER CO OF CT- BROOKFIELD SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

<p>FIGURE 9</p>	<p>SHEET NO.</p> <p>PROJECT NO. 1017-05</p> <p>DATE: 03/10/2017</p> <p>SCALE: 1:20,000</p> <p>DESIGNED: MMR</p> <p>DRAWN: SJB</p> <p>CHECKED: SJB</p>	<p>Brookfield ESA Boundaries</p> <p>Western WUCC</p> <p>Brookfield, CT</p>	<p>REVISIONS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>AWC Service Area</td> <td>6/6/2017</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	AWC Service Area	6/6/2017							<p style="text-align: center;">Engineering, Landscaping Architecture and Environmental Science</p> <p style="text-align: center;">MILONE & MACBROOM</p> <p style="text-align: center;">99 Realty Drive Cheshire, Connecticut 06410 (203) 271-1773 Fax (203) 272-9733 www.miloneandmacbroom.com</p>		<p>SOURCE(S):</p> <p>"Town Boundaries" "Roads" "Routes" CT DEEP</p> <p>"Community Systems" "Non-Community Systems" CT DPH</p>
AWC Service Area	6/6/2017													



Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA
- AQUARION WATER COMPANY SERVICE AREA

ESA Fig. 14

PROJECT NO. 1017-05-04

DATE MARCH 7, 2017

SCALE 1:50,000

DESIGNED BY DM

DRAWN BY SIB

CHECKED BY DM

Exclusive Service Area Map

Town of Cornwall, Connecticut

Western PWSMA

Western WUCC

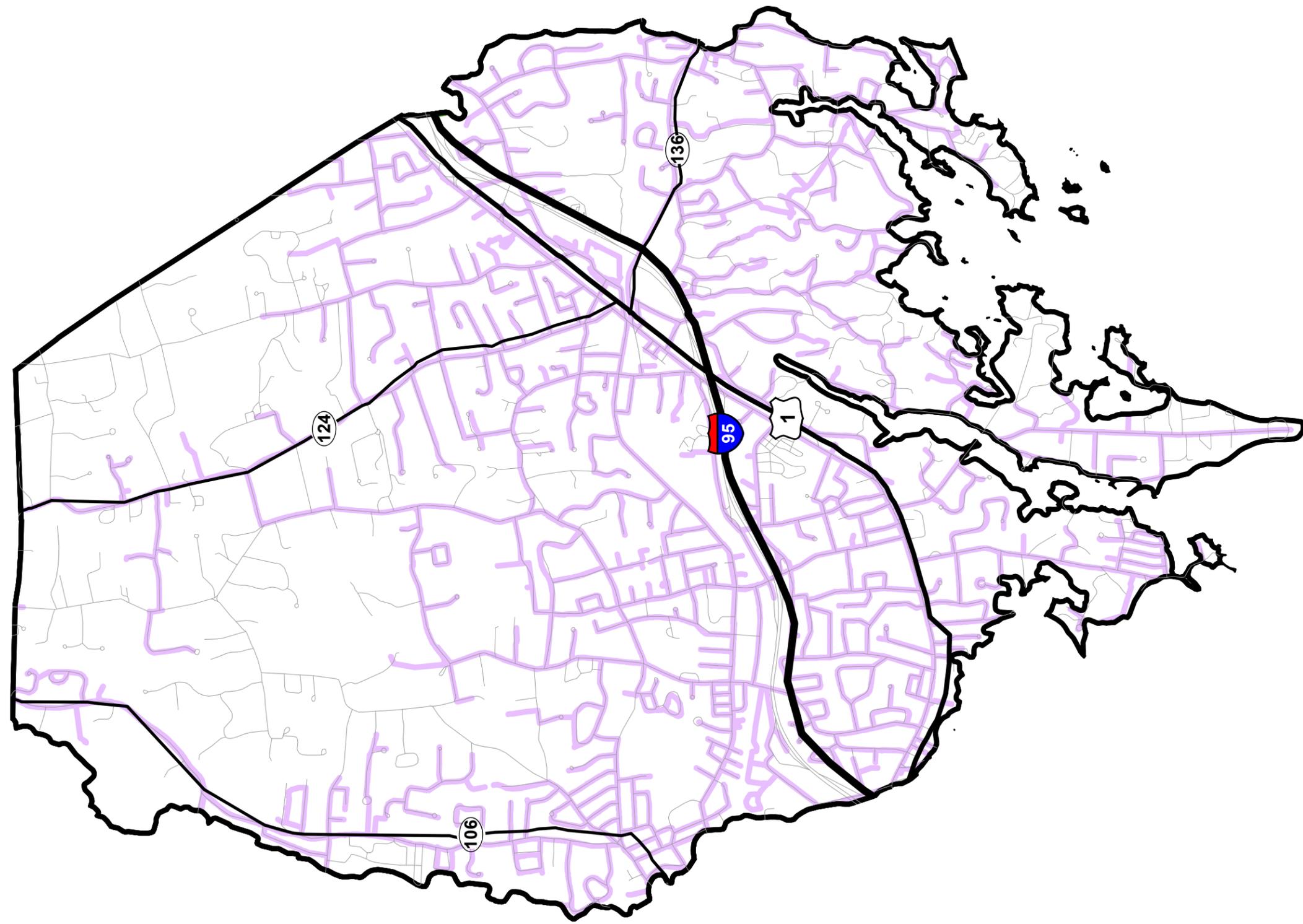
Cornwall, CT

REVISIONS		
DESCRIPTION	DATE	BY
Legend Update	05/19/2017	MER
Title Update	05/25/2017	SJB

69 Realty Drive
Cheshire, Connecticut 06410
(203) 271-1773 Fax (203) 272-9733
www.miloneandmacbroom.com

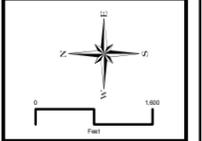
1,750 Feet

path:\user\CT\GIS\SWH\1017\1017.dwg



LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUDED SERVICE AREA (CLEAR)
- AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend update	5/1/2017	SJB

Darlen ESA Declaration
For Darlen ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Darlen, CT

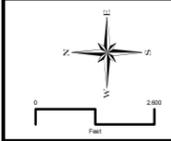
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:30,000		
DATE MARCH 2, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 16



LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- ▨ DEEP LANDS WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- TOWN OF GOSHEN FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

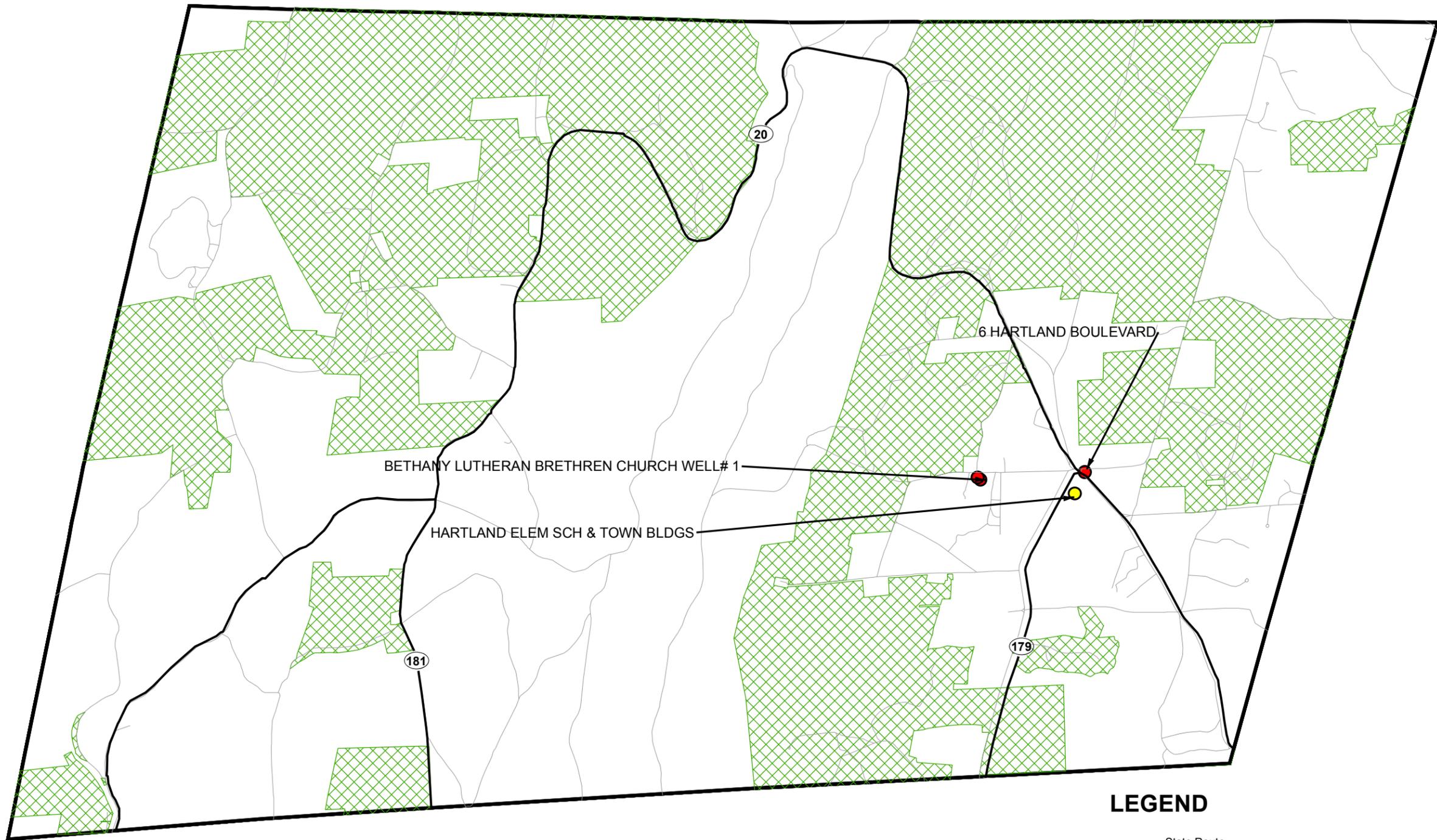
REVISIONS	DATE	BY
Legend Update	05/19/2017	MER
Title Update	05/25/2017	SJB

Exclusive Service Area Boundaries
Town of Goshen, Connecticut
Western PWSMA
 Western WUCC
 Goshen, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

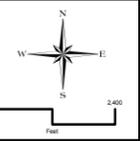
ESA Fig. 20

www.miloneandmacbroom.com



LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE ESA BOUNDARIES MAY NOT BE ENFORCEABLE
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)



MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

DESCRIPTION	DATE	BY

Hartland ESA Declaration
 For Hartland ESA Boundary Delineation
 Western PW SMA
 Western WUCC
 Hartland, CT

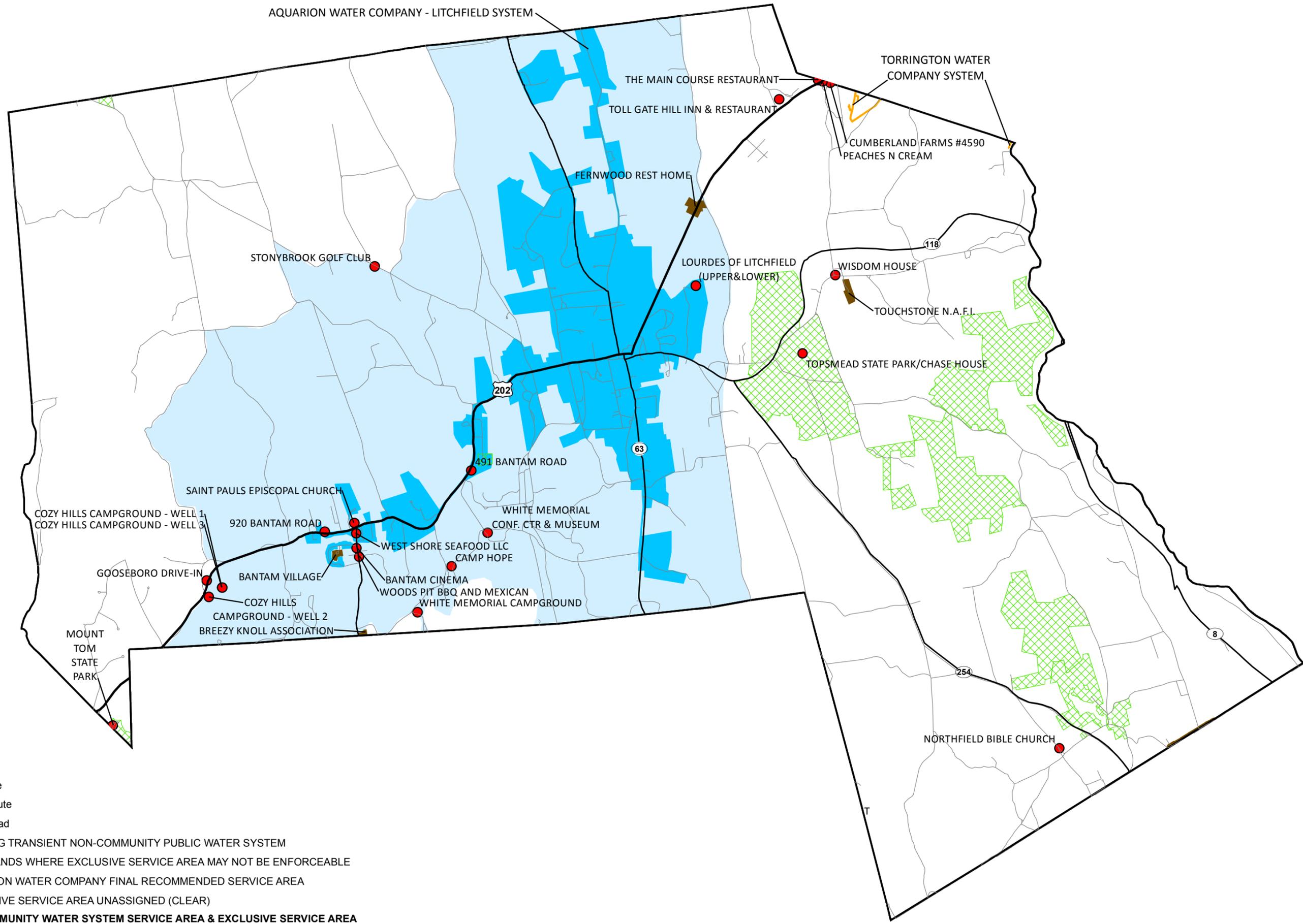
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:42,000		
DATE MARCH 22, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 22
 SHEET NAME

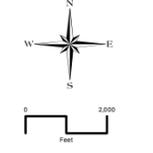
D:\Projects\1017-05-04\Mapa\Mapa.mxd

AQUARION WATER COMPANY - LITCHFIELD SYSTEM

TORRINGTON WATER COMPANY SYSTEM



- Legend**
- US Route
 - State Route
 - Local Road
 - EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
 - AQUARION WATER COMPANY FINAL RECOMMENDED SERVICE AREA
 - EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
- EXISTING COMMUNITY WATER SYSTEM SERVICE AREA & EXCLUSIVE SERVICE AREA**
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA
 - AQUARION WATER COMPANY SERVICE AREA
 - TORRINGTON WATER COMPANY SERVICE AREA



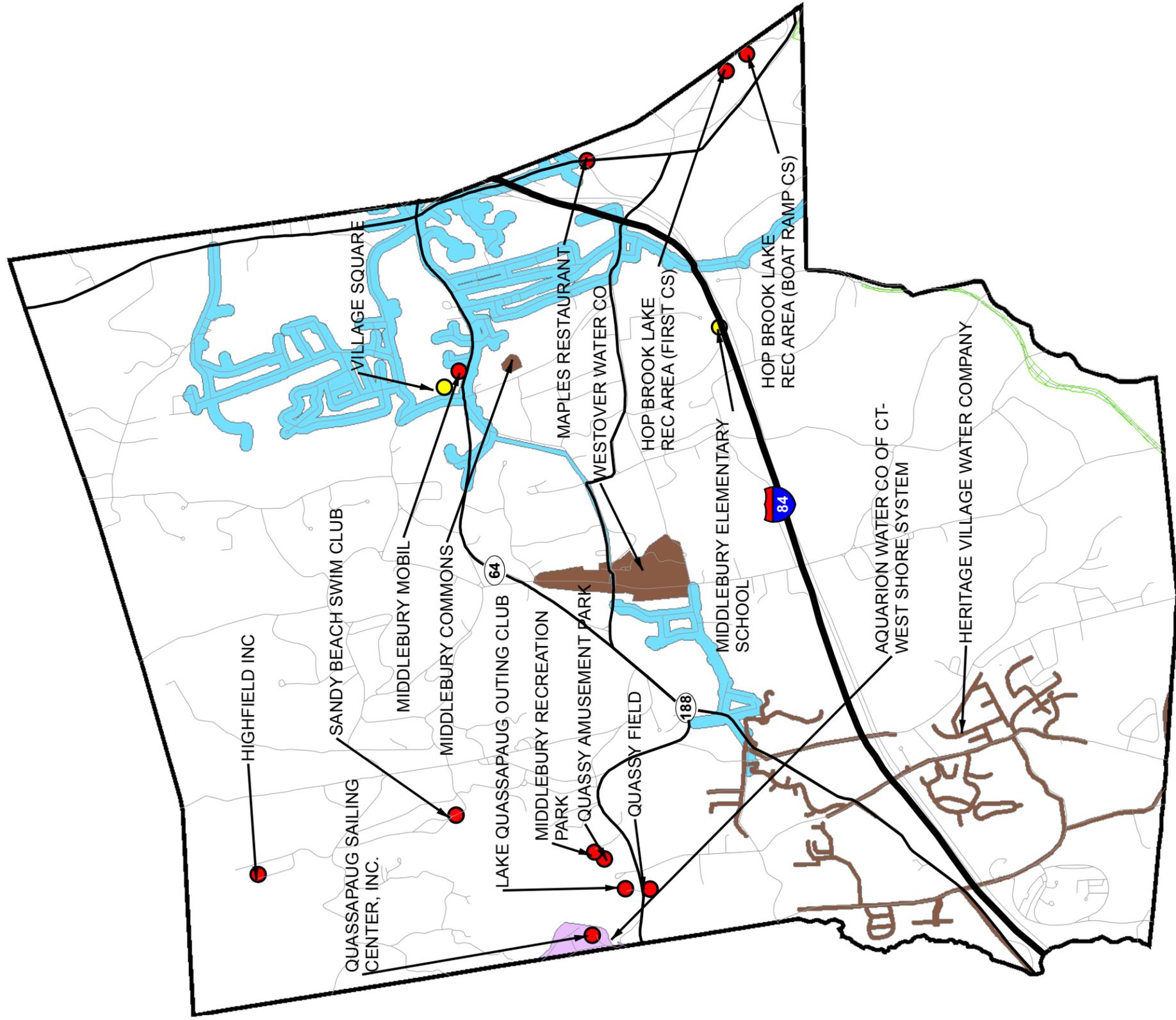
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06110
 (860) 231-1111
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Updates	06/19/2017	IMER
Title Update	06/25/2017	SJB

Exclusive Service Area Map
Town of Litchfield, Connecticut
Western PWSMA
 Western WUCC
 Litchfield, CT

DM DESIGNED	SJB DRAWN	DM CHECKED
SCALE: 1:50,000		
DATE: MARCH 20, 2017		
PROJECT NO.: 1017-05-04		

ESA Fig. 25



LEGEND

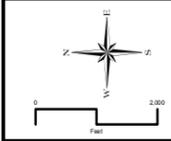
- Interstate
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- AQUARIUM WATER COMPANY SERVICE AREA AND FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- CTWC - NAUGATUCK REGION-CENTRAL SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

DESIGNED	DRAWN	CHECKED
SJB	MER	SJB
SCALE		
1:36,000		
DATE		
MARCH 16, 2017		
PROJECT NO.		
1017-05-04		

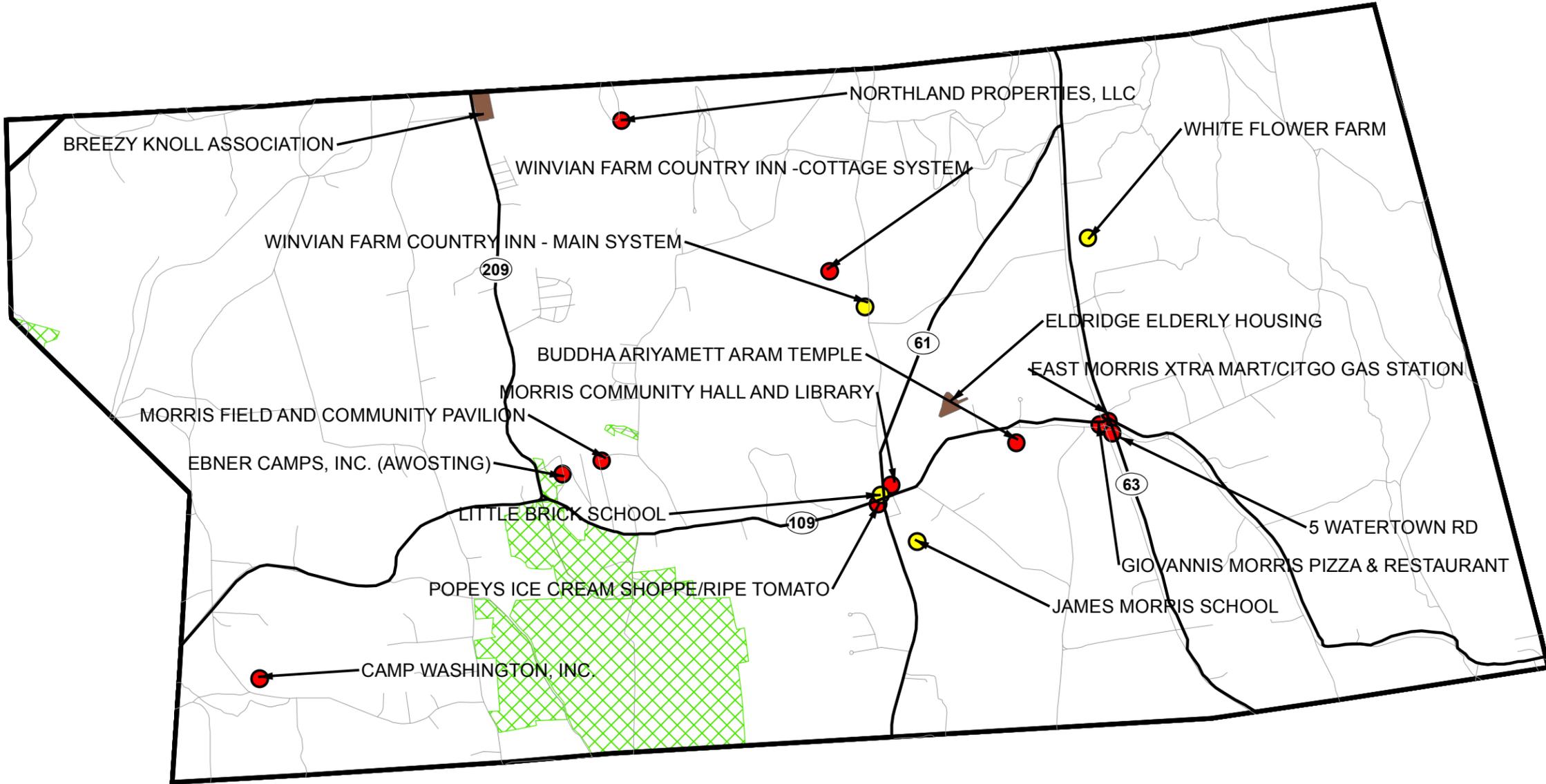
Middlebury ESA Declaration
For Middlebury ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Middlebury, CT

REVISIONS	DESCRIPTION	DATE	BY
1	Legend Updates	05/19/2017	MER

MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

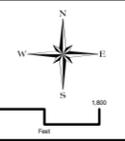


PROJECT: ES:\SW\1424\1424.dwg (1424.dwg) PLOT DATE: 03/16/2017 10:00 AM



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- TOWN OF MORRIS FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

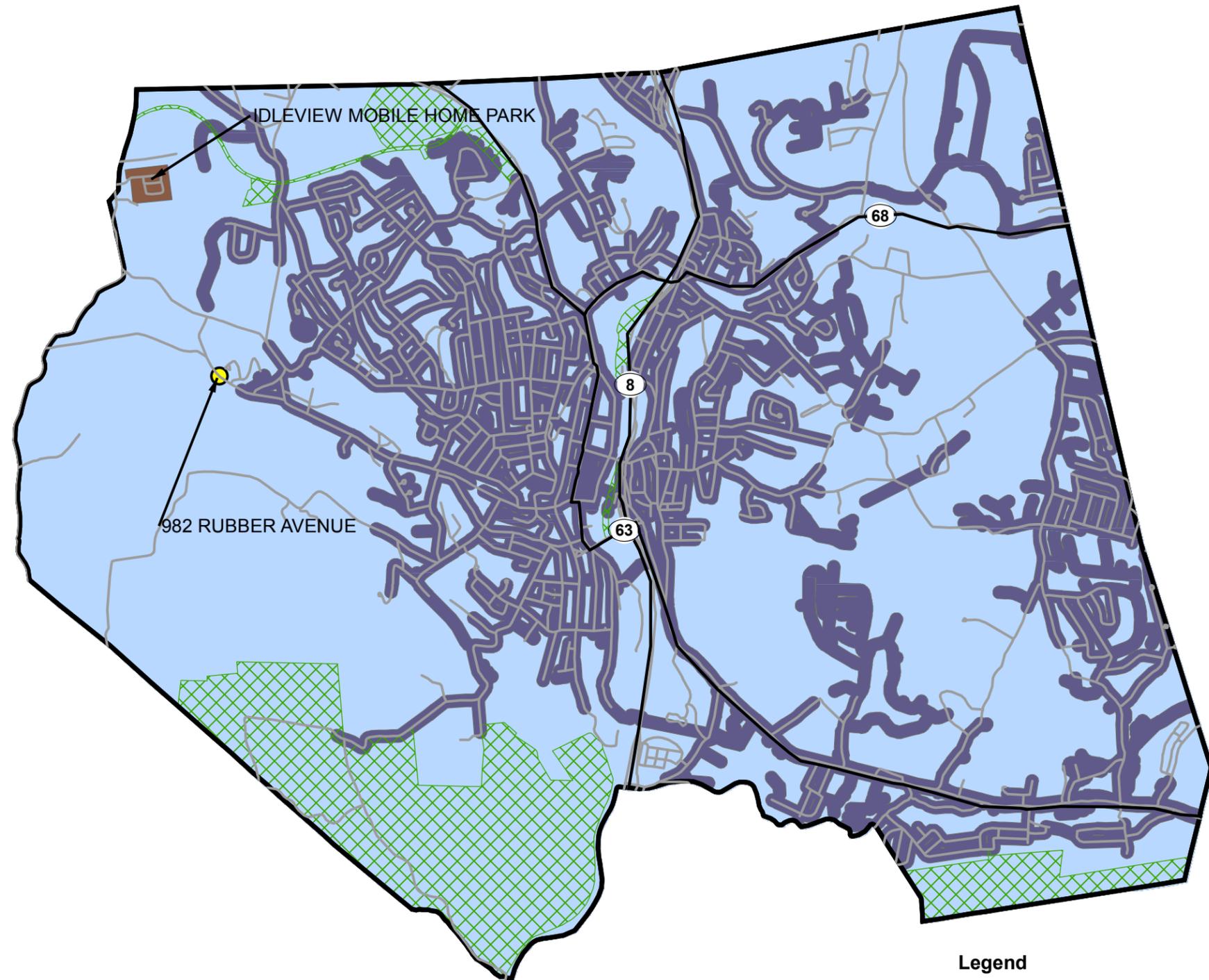
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Morris ESA Declaration
 For Morris ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Morris, CT

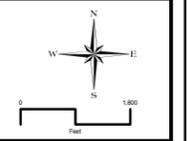
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 28

path:\pwworking\10171773\10171773.dwg



- Legend**
- State Route
 - Town Road
 - EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - ▨ DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
 - CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - CTWC - NAUGATUCK REGION-CENTRAL SYSTEM SERVICE AREA
 - OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

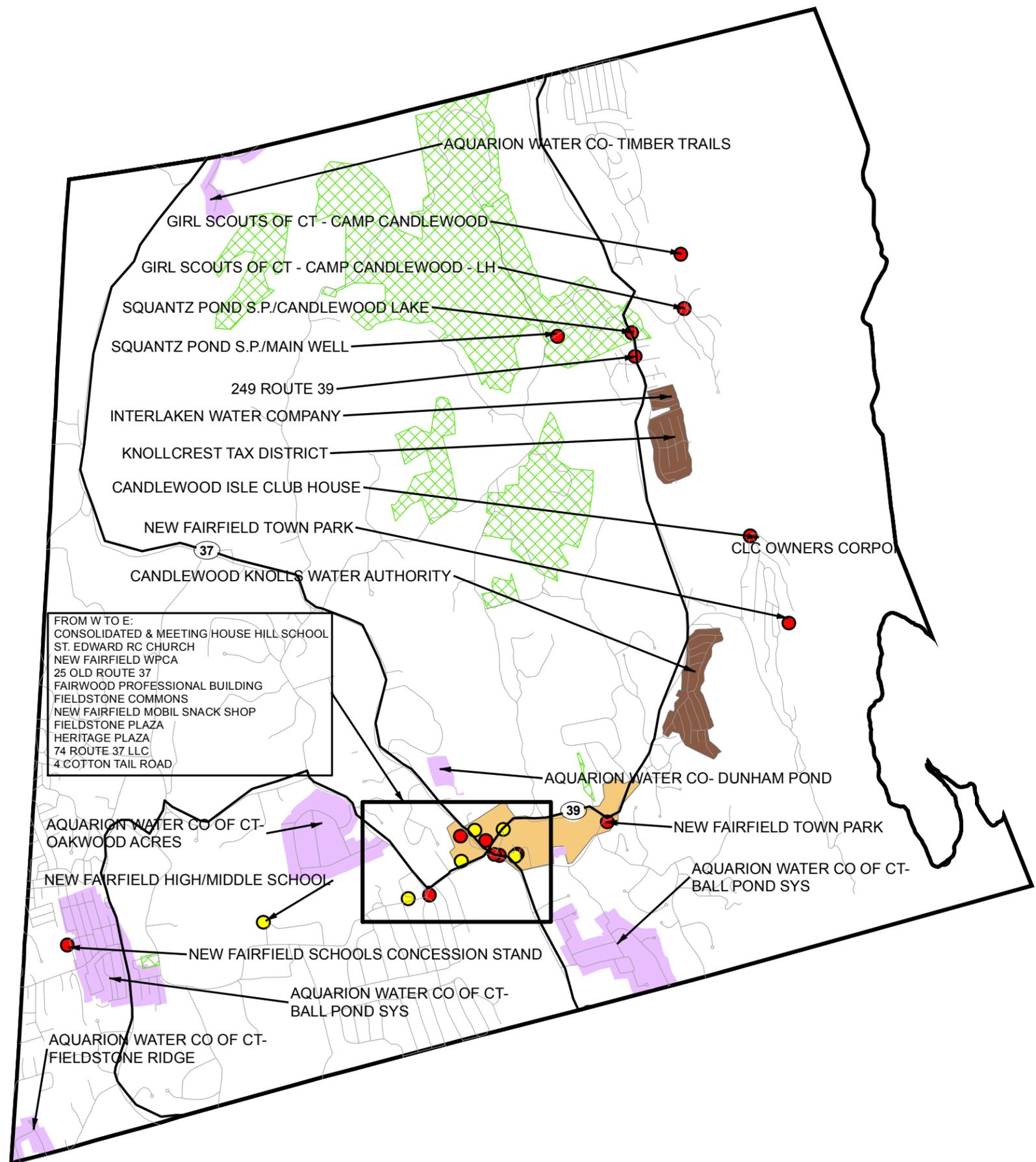
DESCRIPTION	DATE	BY

Naugatuck ESA Declaration
 For Naugatuck ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Naugatuck, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 29
 SHEET NAME

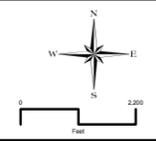
p:\projects\1017-05-04\1017-05-04.dwg



FROM W TO E:
 CONSOLIDATED & MEETING HOUSE HILL SCHOOL
 ST. EDWARD RC CHURCH
 NEW FAIRFIELD WPCA
 25 OLD ROUTE 37
 FAIRWOOD PROFESSIONAL BUILDING
 FIELDSTONE COMMONS
 NEW FAIRFIELD MOBIL SNACK SHOP
 FIELDSTONE PLAZA
 HERITAGE PLAZA
 74 ROUTE 37 LLC
 4 COTTON TAIL ROAD

LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- ▨ DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- NEW FAIRFIELD FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

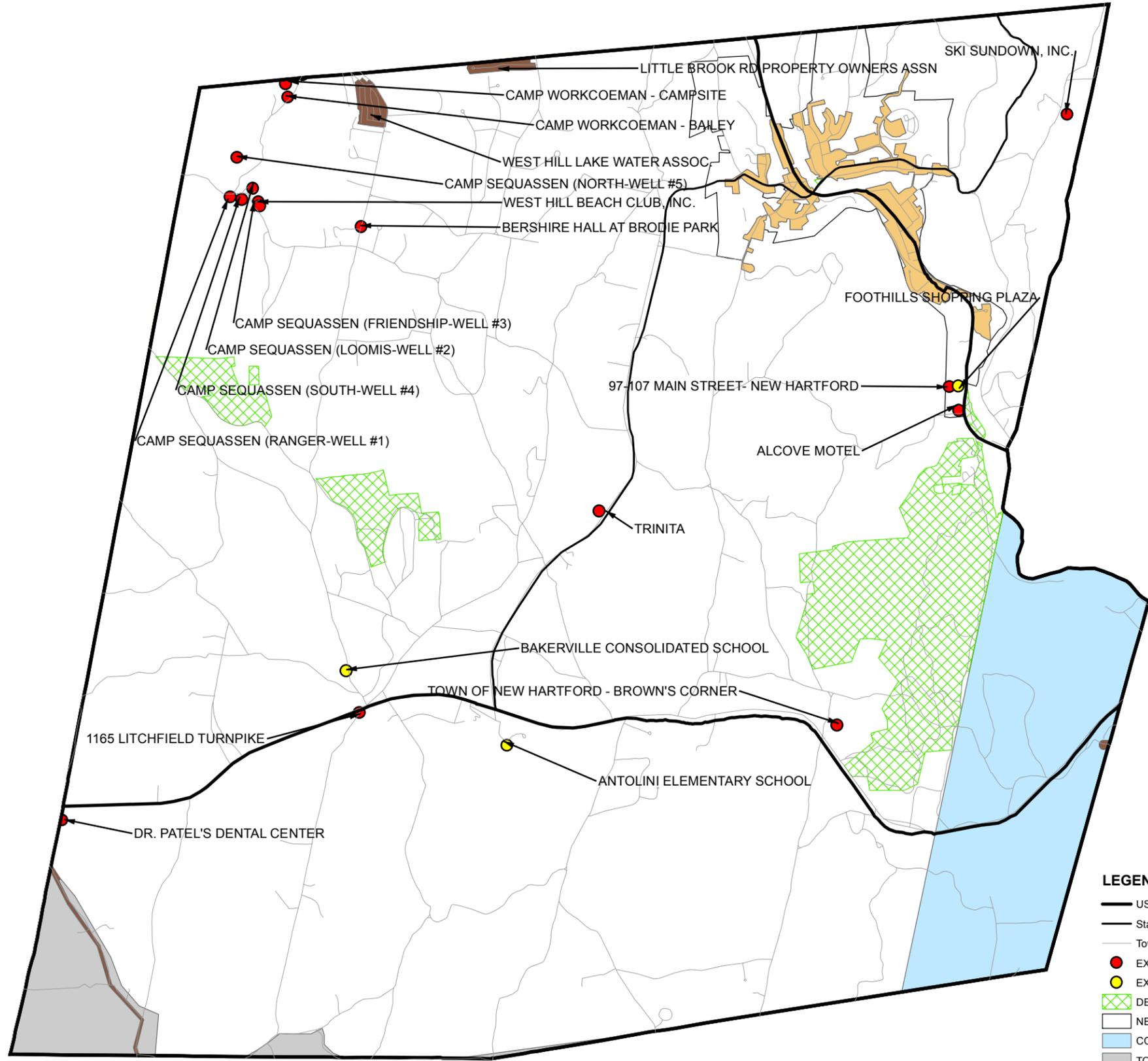
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

New Fairfield ESA Declaration
For New Fairfield ESA Boundary Delineation
Western PW SMA
 Western WUCC
 New Fairfield, CT

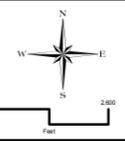
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE: 1:42,000		
DATE: MARCH 16, 2017		
PROJECT NO.: 1017-05-04		

ESA Fig. 31

projectname: \\net1\GIS\SWA\WORK\2017\20170516\20170516_1011.ctb



- LEGEND**
- US Route
 - State Route
 - Town Road
 - EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
 - NEW HARTFORD FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
 - CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - TORRINGTON WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - NEW HARTFORD WATER DEPARTMENT SERVICE AREA
 - OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



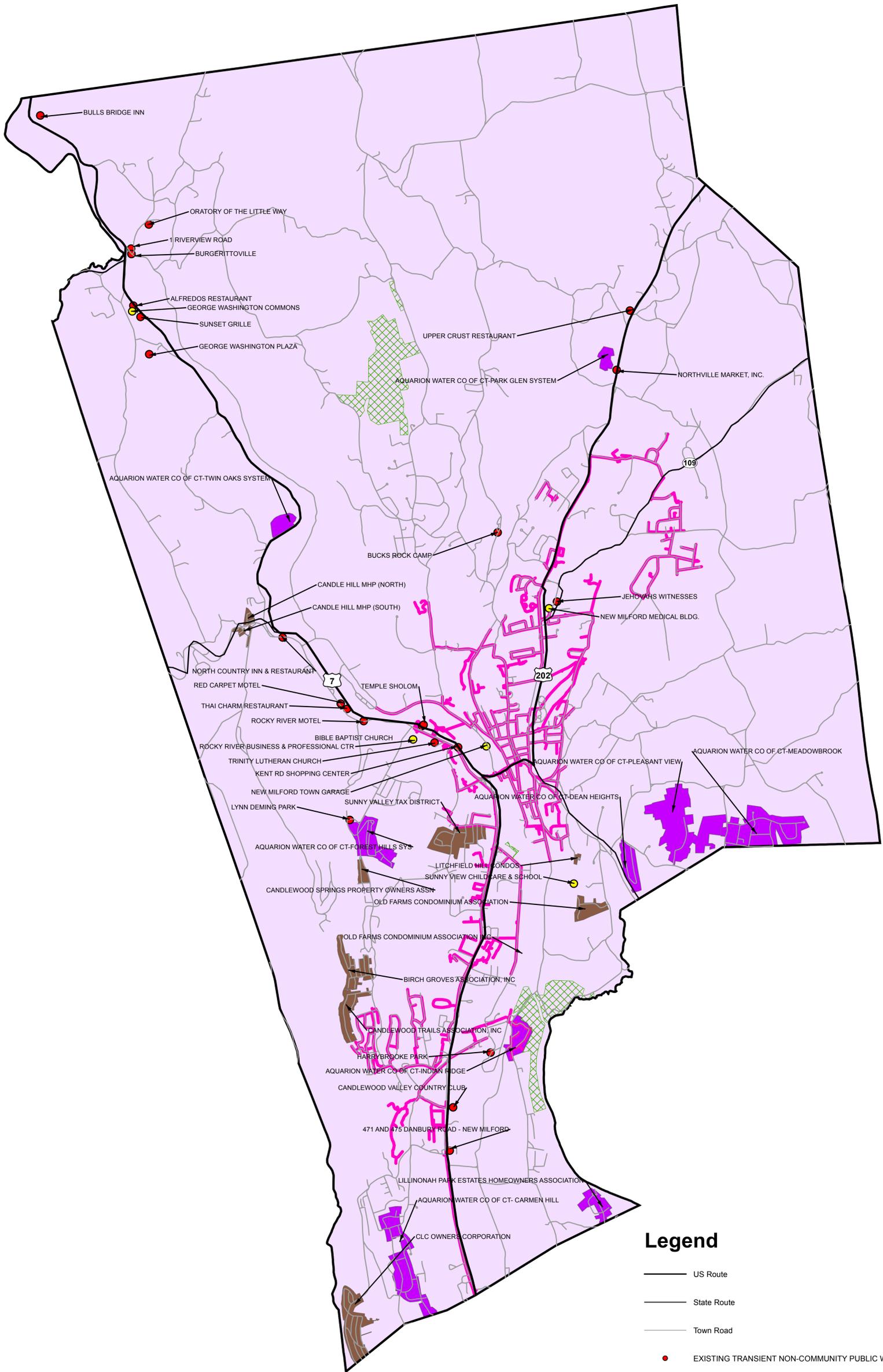
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

New Hartford ESA Declaration
For New Hartford ESA Boundary Delineation
Western PWSMA
 Western WUCC
 New Hartford, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 32



Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- ▨ DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- ▨ AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- ▨ AQUARION WATER COMPANY OF CT - NEW MILFORD SYSTEM SERVICE AREA
- ▨ OTHER AQUARION WATER COMPANY SERVICE AREAS
- ▨ OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

SHEET NO.	PROJECT NO.: 1017-05-04	SCALE: 1:30,000	DATE: 03/16/2017
		DESIGNED: MER	CHECKED: SIB
FIGURE 33			

New Milford ESA Boundaries
Western WUCC
New Milford, CT

REVISIONS

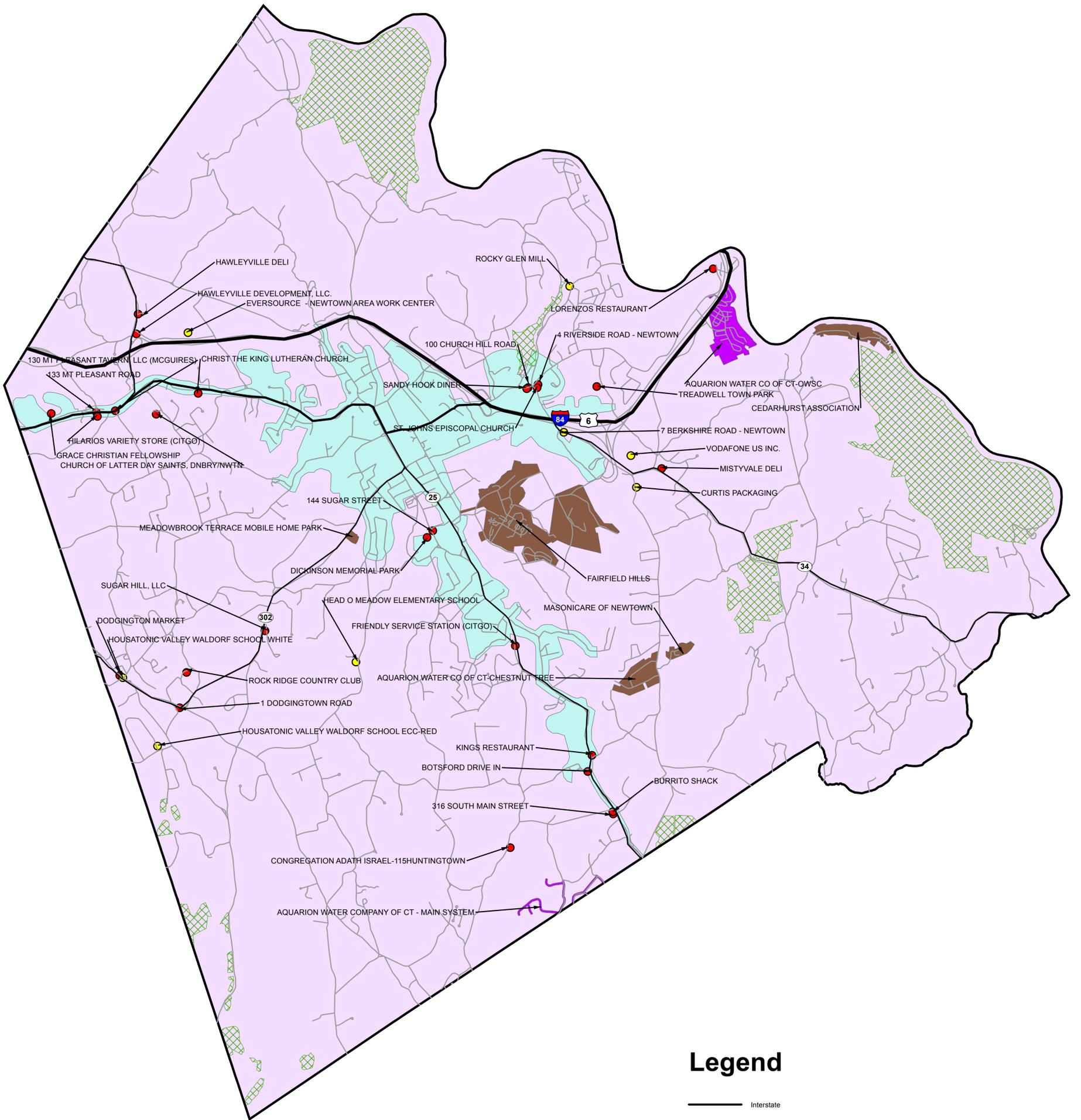
Engineering, Landscape Architecture and Environmental Science

MILONE & MACBROOM

99 Realty Drive
Cheshire, Connecticut 06410
(203) 271-1773 Fax (203) 272-9733
www.miloneandmacbroom.com



SOURCE(S): ESRI



Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER COMPANY OF CT - NEWTOWN SYSTEM SERVICE AREA
- OTHER AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

SHEET NO.	PROJECT NO.: 2017-05-04	SCALE: 1:30,000
		1st VERSION: 03/16/2017
DESIGNED: SIB	DRAWN: MER	CHECKED: SIB

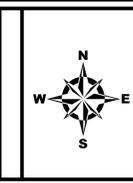
Newtown ESA Boundaries
Western WUCC
Newtown, CT

REVISIONS

Engineering, Landscape Architecture and Environmental Science

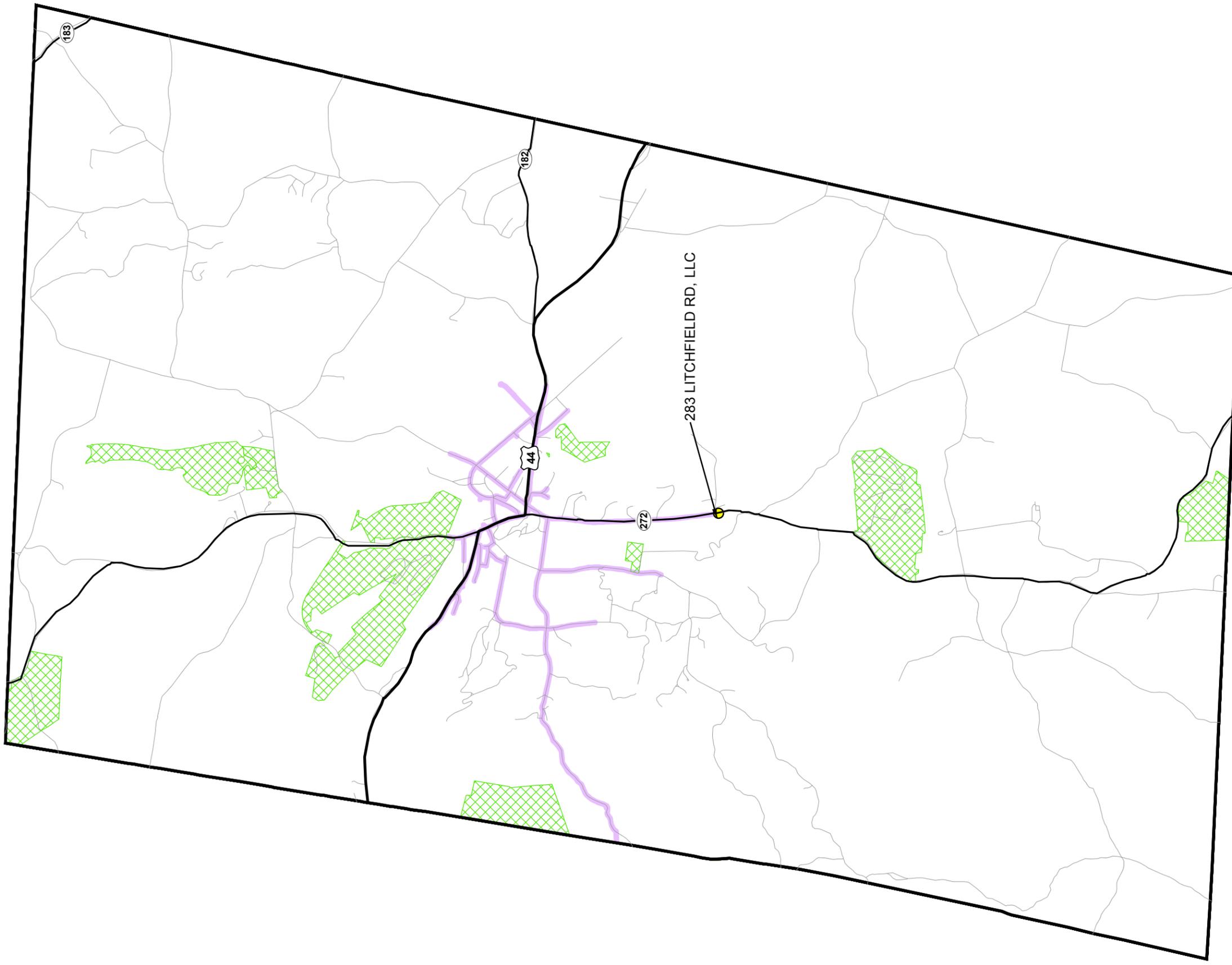
MILONE & MACBROOM

99 Realty Drive
Cheshire, Connecticut 06410
(203) 271-1773 Fax (203) 272-9733
www.miloneandmacbroom.com



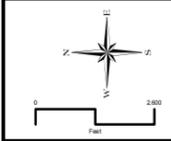
SOURCE(S): ESRI

FIGURE 34



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- AQUARION WATER CO OF CT-NORFOLK SYSTEM COMMUNITY WATER SYSTEM SERVICE AREA



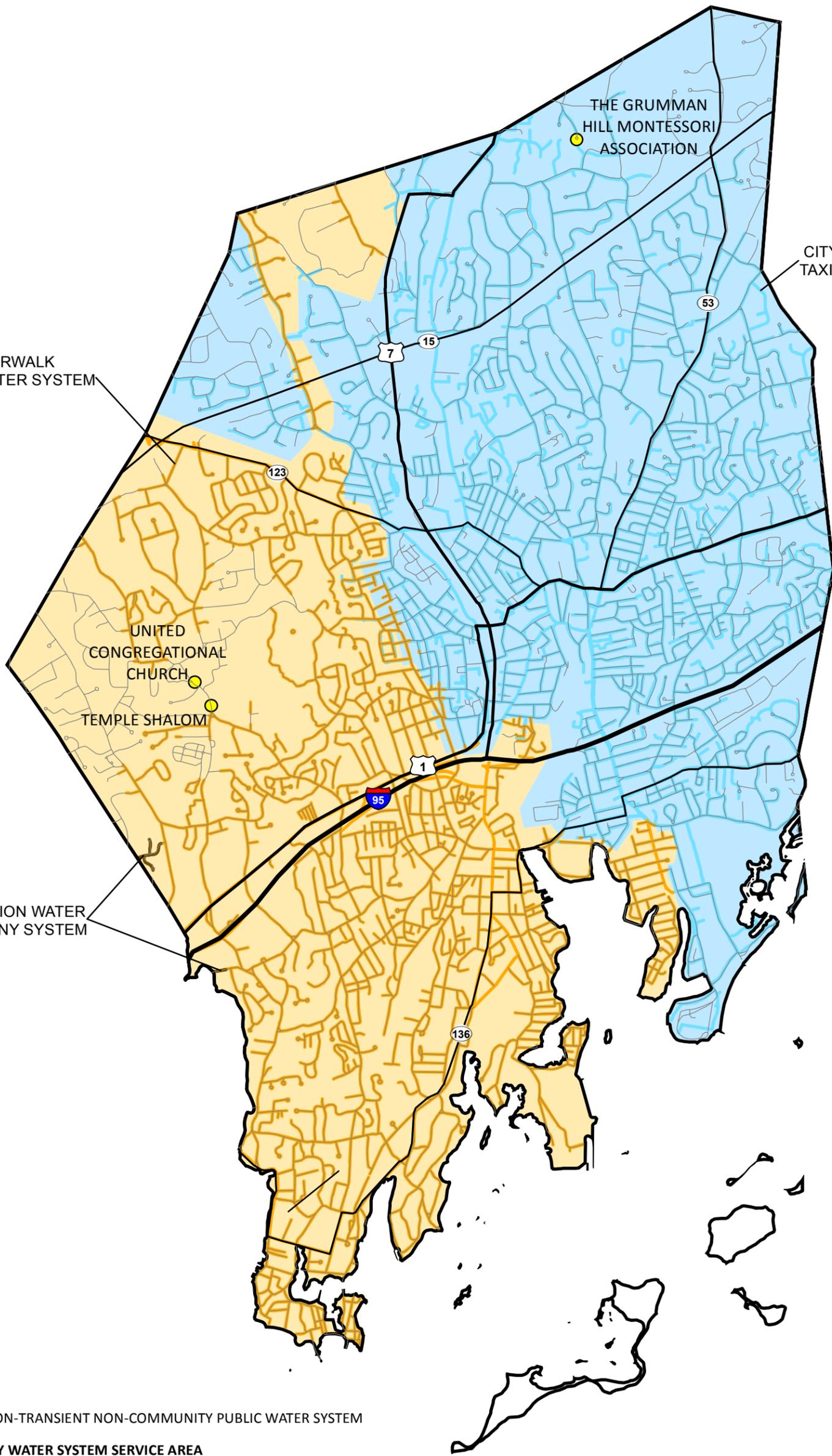
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Norfolk ESA Declaration
For Norfolk ESA Boundary Delineation
Western PW SMA
 Western WUCC
 Norfolk, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 35



SOUTH NORWALK
ELECTRIC & WATER SYSTEM

THE GRUMMAN
HILL MONTESSORI
ASSOCIATION

CITY OF NORWALK FIRST
TAXING DISTRICT SYSTEM

UNITED
CONGREGATIONAL
CHURCH

TEMPLE SHALOM

AQUARION WATER
COMPANY SYSTEM

Legend

- Interstate
- US Route
- State Route
- Local Road
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM

EXISTING COMMUNITY WATER SYSTEM SERVICE AREA

- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA
- NORWALK FIRST TAXING DISTRICT
- SECOND TAXING DISTRICT OF NORWALK

FINAL RECOMMENDED EXCLUSIVE SERVICE AREAS

- CITY OF NORWALK FIRST TAXING DISTRICT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- SOUTH NORWALK ELECTRIC & WATER FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)

ESA Fig. 37

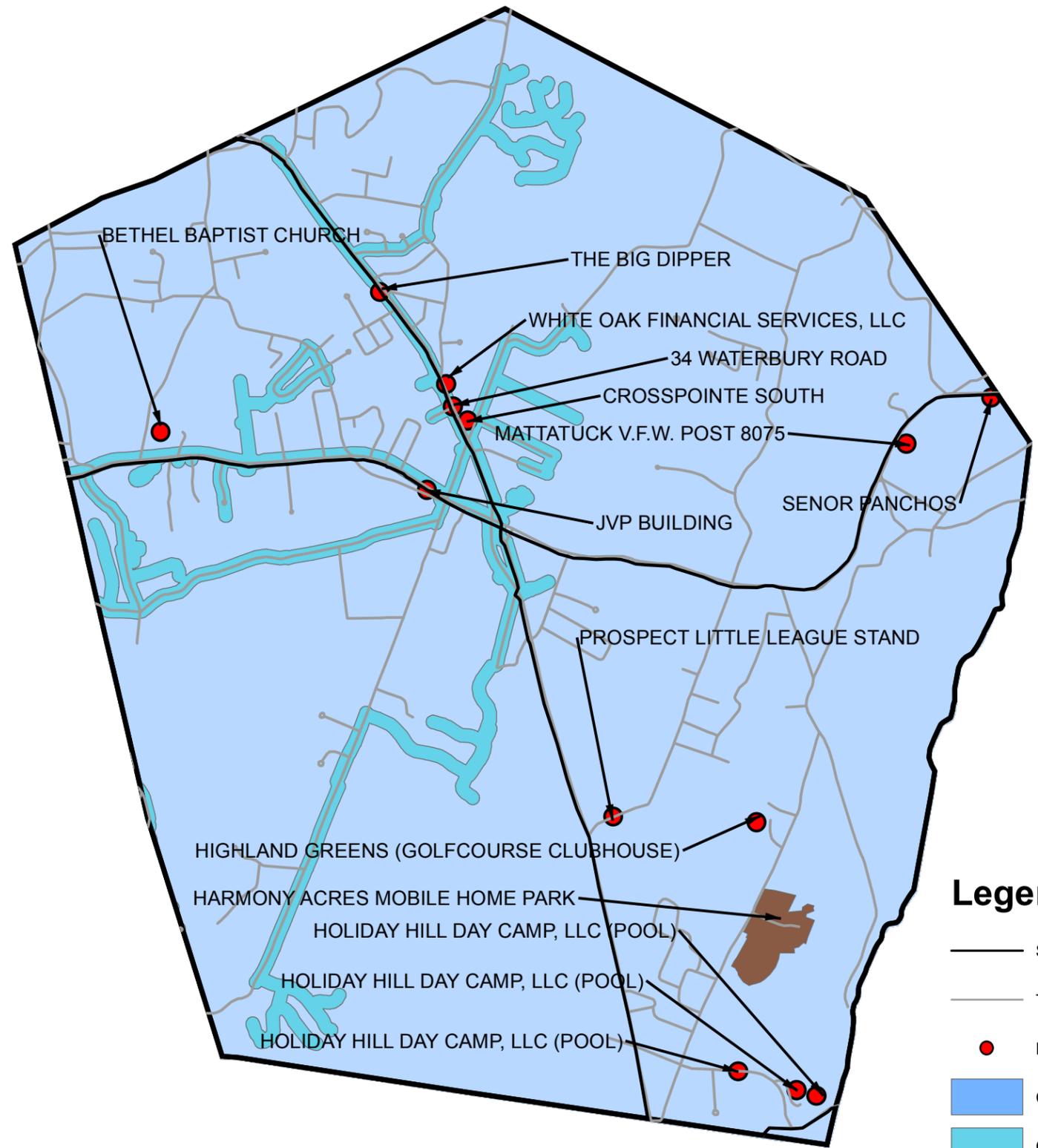
Exclusive Service Area Map
City of Norwalk, Connecticut
Western PWSMA
 Western WUCC
 Norwalk, CT

REVISIONS		
DESCRIPTION	DATE	BY
Legend Updates	05/19/2017	MER

69 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

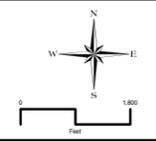
1,400
 Feet

prospect_esa_boundary_delineation.mxd



Legend

-  State Route
-  Town Road
-  EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
-  CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
-  CTWC - NAUGATUCK REGION-CENTRAL SYSTEM COMMUNITY WATER SYSTEM SERVICE AREA
-  OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

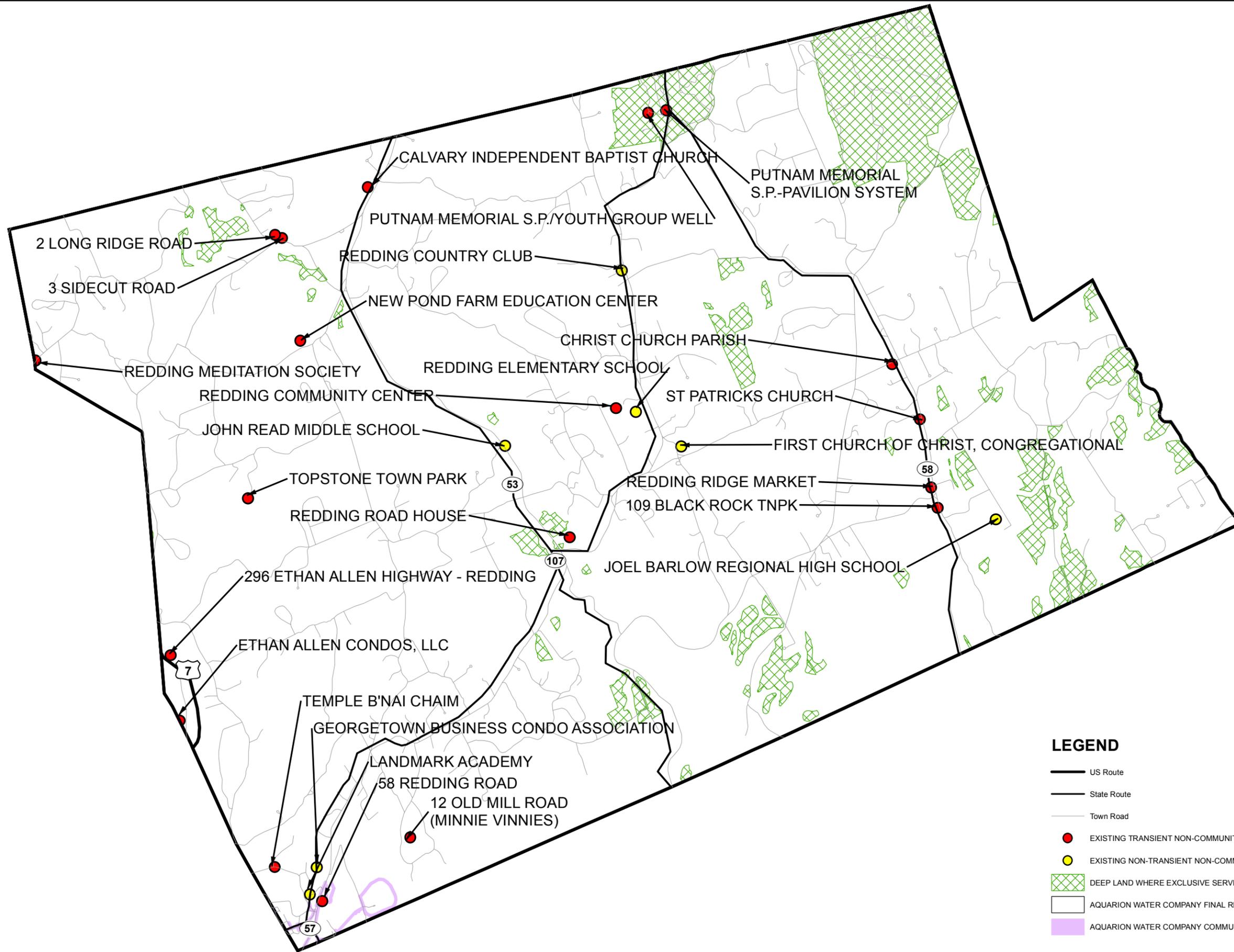
DESCRIPTION	DATE	BY

Prospect ESA Declaration
 For Prospect ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Prospect, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

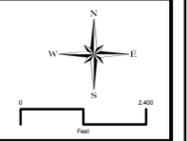
ESA Fig. 40
 SHEET NAME

\\nas01\proj\101705\101705.dwg



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA



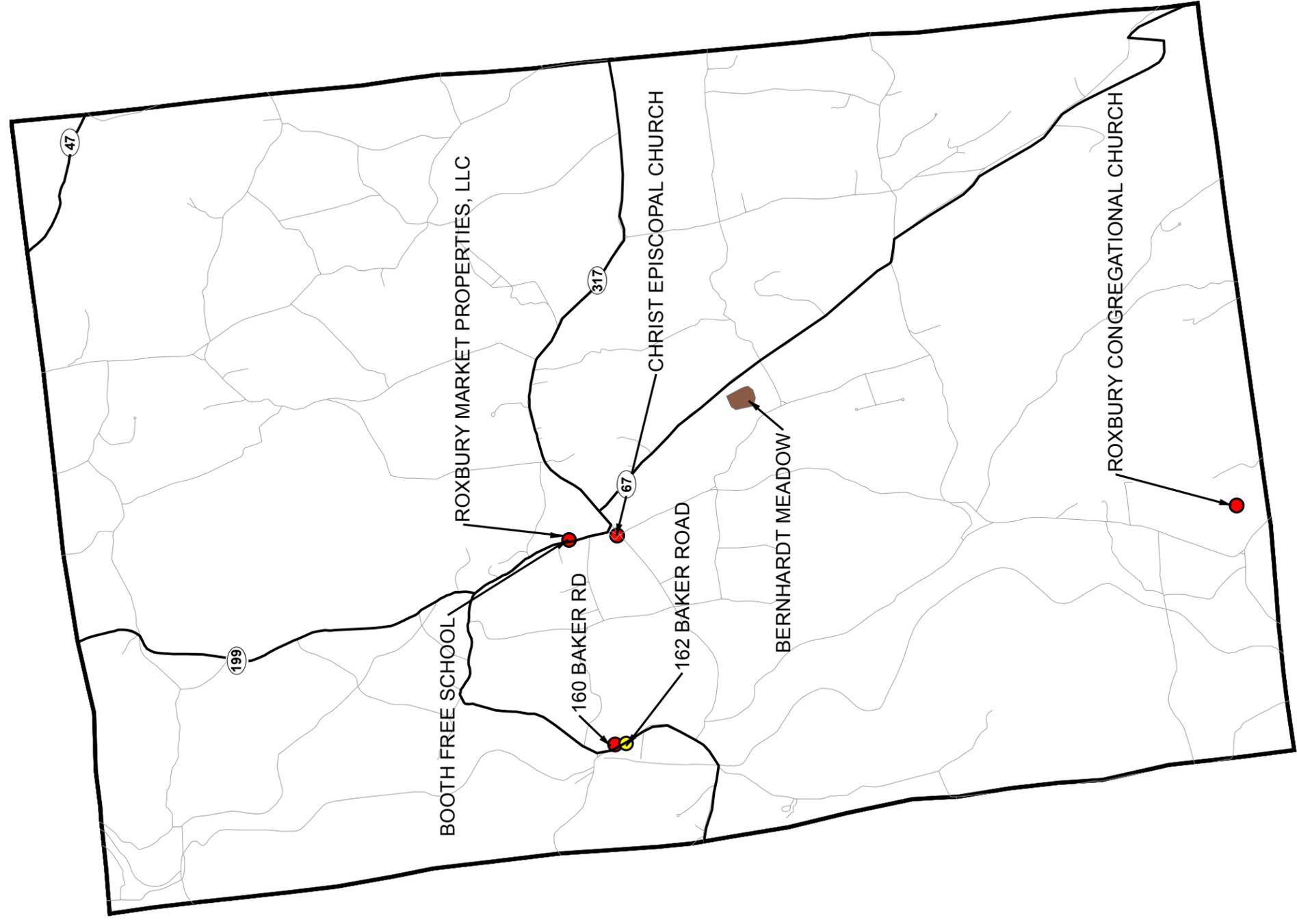
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Redding ESA Declaration
 For Redding ESA Boundary Delineation
 Western PW SMA
 Western WUCC
 Redding, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE: 1:42,000		
DATE: MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 41



LEGEND

- State Route
- Town Road

- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM

- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

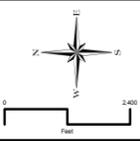
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:42,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

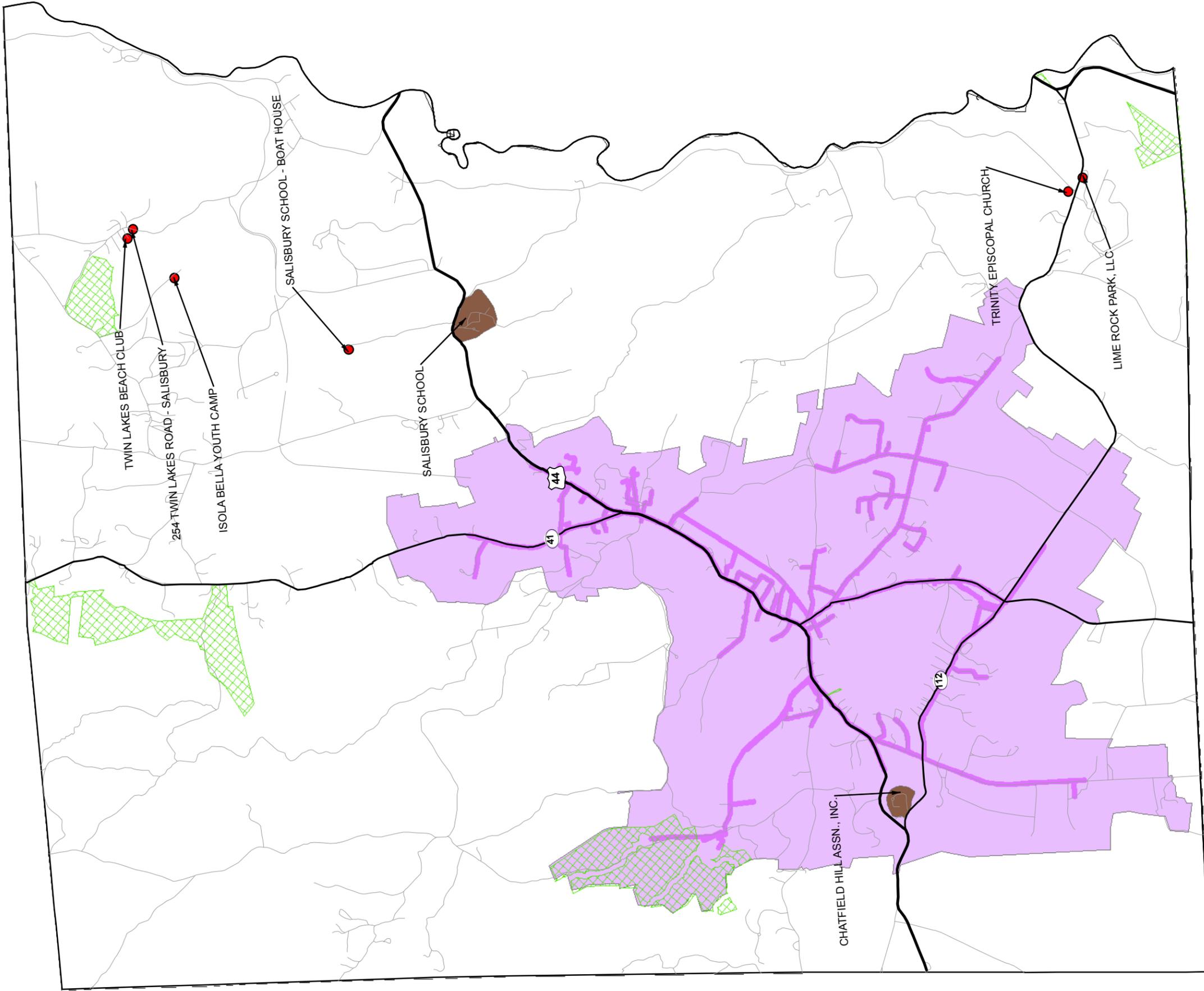
ESA Fig. 43

Roxbury ESA Declaration
For Roxbury ESA Boundary Delineation
Western PW SMA
 Western WUCC
 Roxbury, CT

REVISIONS	DESCRIPTION	DATE	BY
1	NC systems legend	5/11/2017	SJB

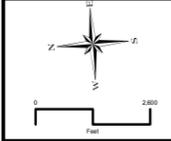
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com





LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- ▨ DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- AQUARION WATER COMPANY - SALISBURY SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

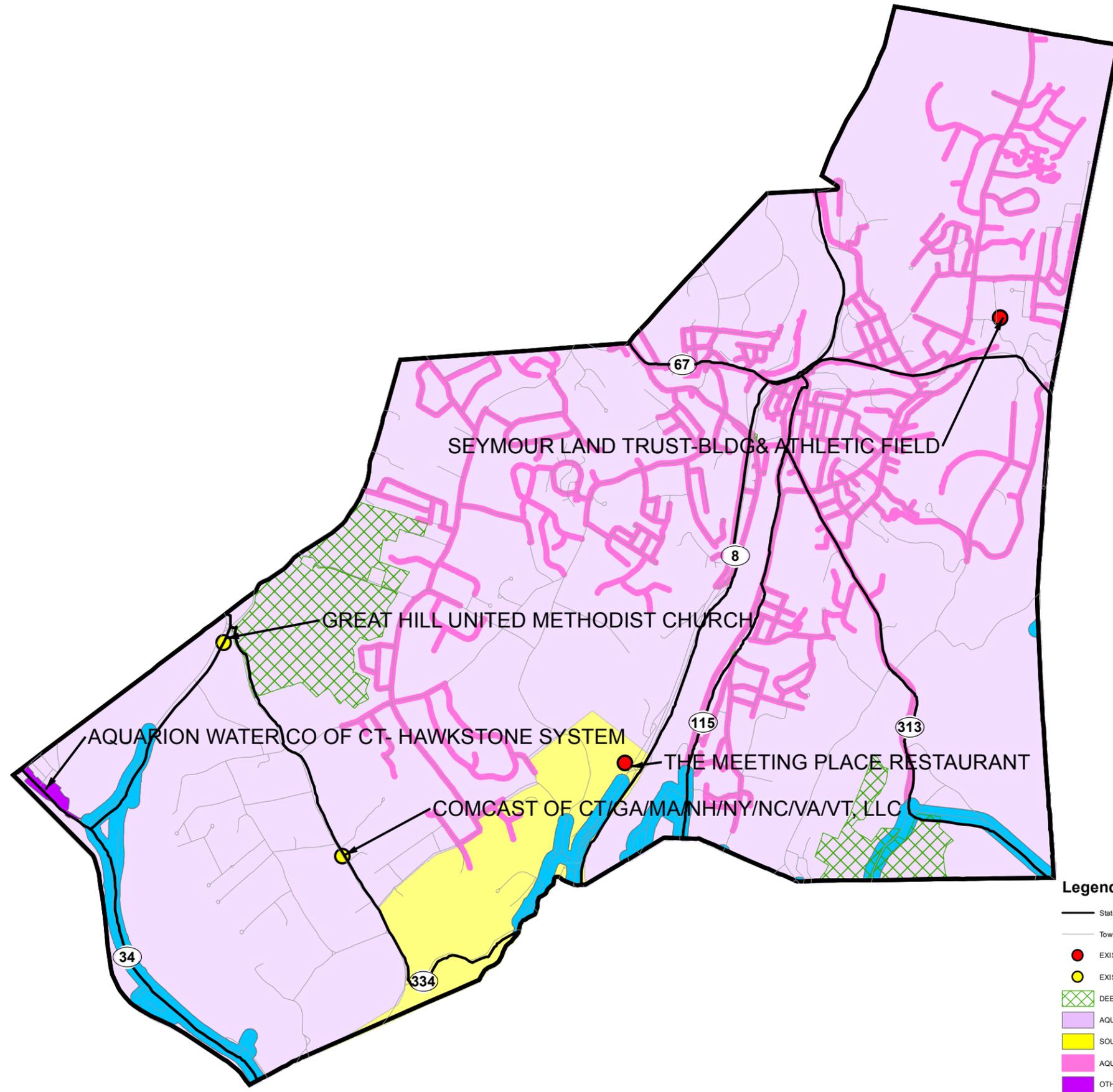
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Salisbury ESA Declaration
For Salisbury ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Salisbury, CT

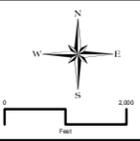
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:50,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 44

\\nas01\proj\10170504\10170504.dwg



- Legend**
- State Route
 - Town Road
 - EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - ▨ DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
 - AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - AQUARION WATER CO OF CT-VALLEY SYSTEM SERVICE AREA
 - OTHER AQUARION COMMUNITY WATER SYSTEM SERVICE AREA
 - SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY SERVICE AREA



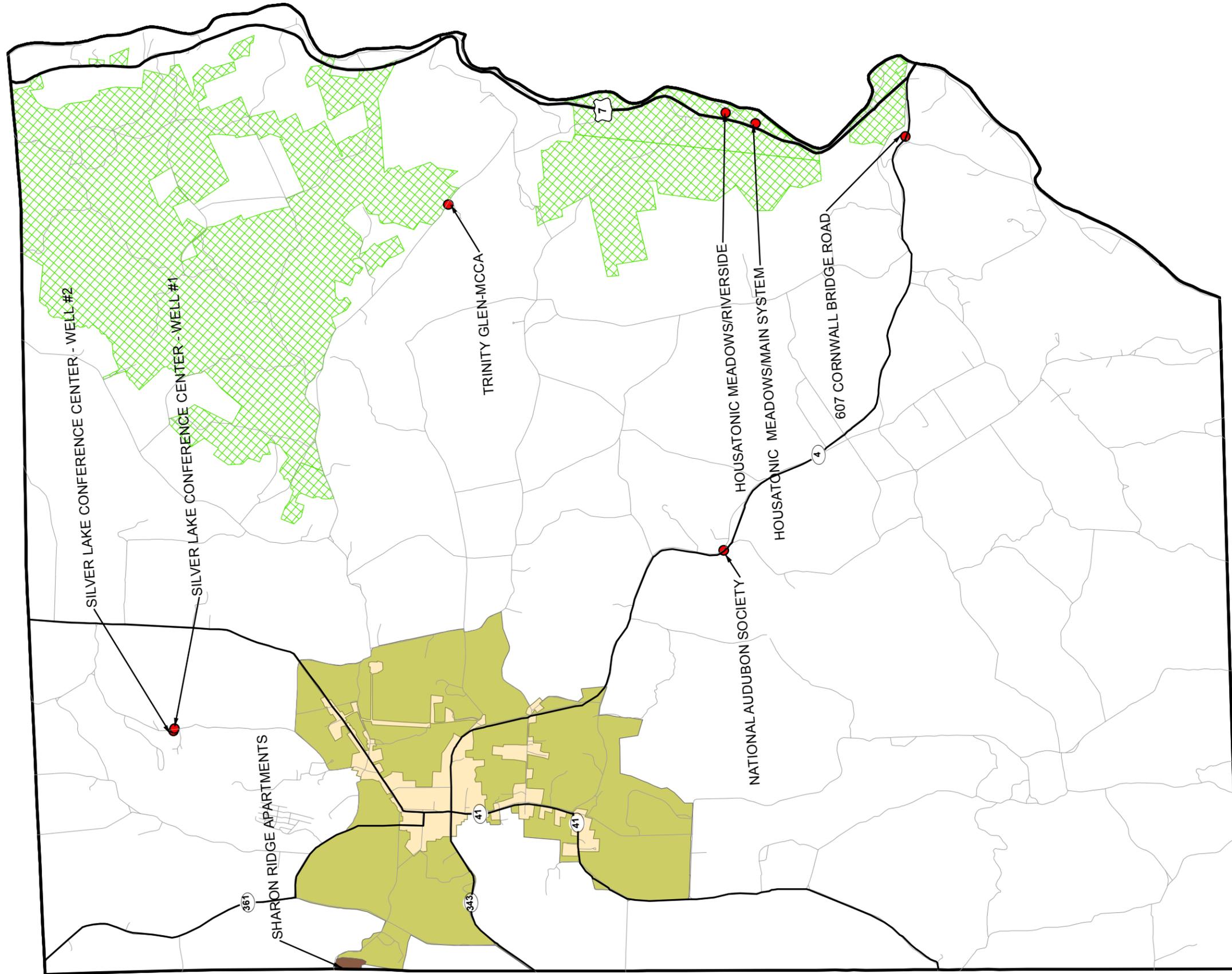
MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

DESCRIPTION	DATE	BY

Seymour ESA Declaration
 For Seymour ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Seymour, CT

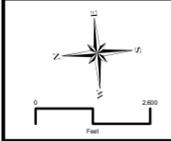
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:36,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 45
 SHEET NAME



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
- SHARON FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- SHARON WATER & SEWER COMMISSION COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

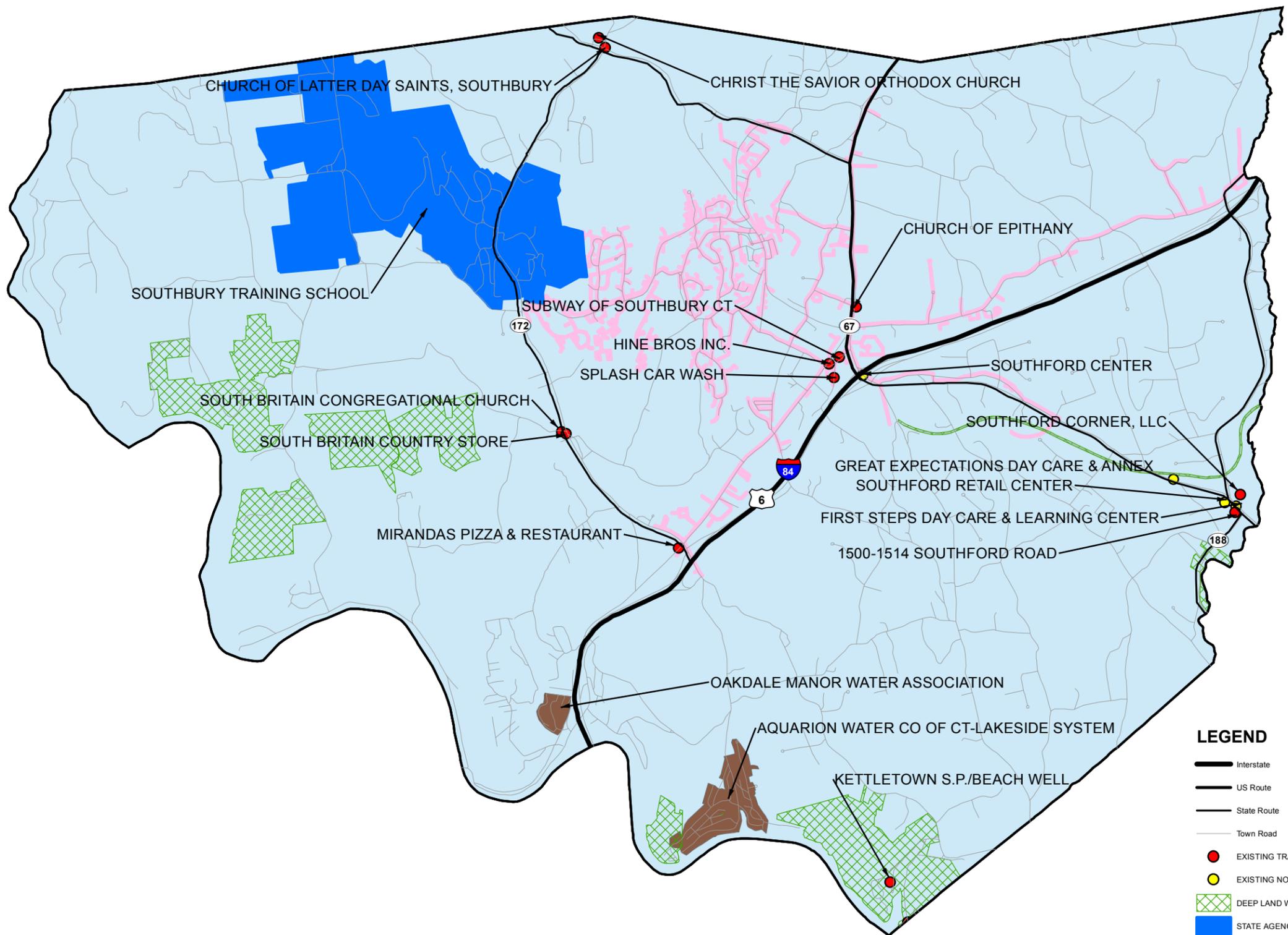
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Sharon ESA Declaration
 For Sharon ESA Boundary Delineation
 Western PW/SMA
 Western WUCC
 Sharon, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:50,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

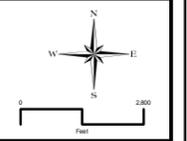
ESA Fig. 46

path:\work\10170504\10170504.dwg



LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LAND WHERE EXCLUSIVE SERVICE AREAS MAY NOT BE ENFORCEABLE
- STATE AGENCY EXISTING SERVICE AREA
- HERITAGE VILLAGE WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- HERITAGE VILLAGE WATER COMPANY SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



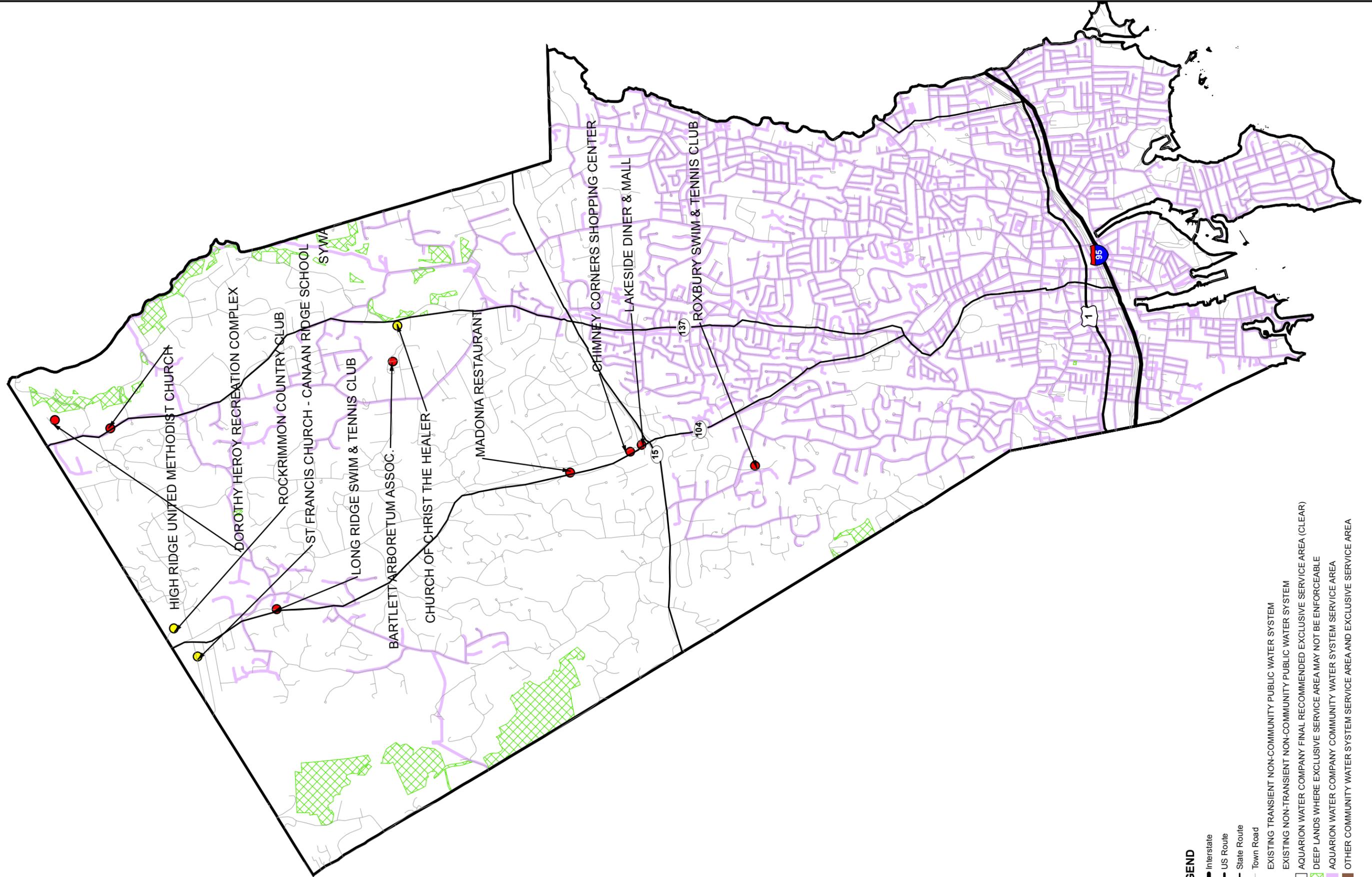
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DESCRIPTION	DATE	BY
Legend Updates		05/18/2017	MER
STS Revision		05/19/2017	MER

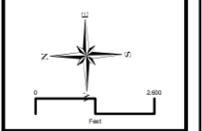
Southbury ESA Declaration
For Southbury ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Southbury, CT

SJB	MER	SJB
DESIGNED	DRAWN	CHECKED
SCALE		
1:50,000		
DATE		
MARCH 17, 2017		
PROJECT NO.		
1017-05-04		

ESA Fig. 49



- LEGEND**
- Interstate
 - US Route
 - State Route
 - Town Road
 - EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - AQUARIUM WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
 - DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
 - AQUARIUM WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
 - OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



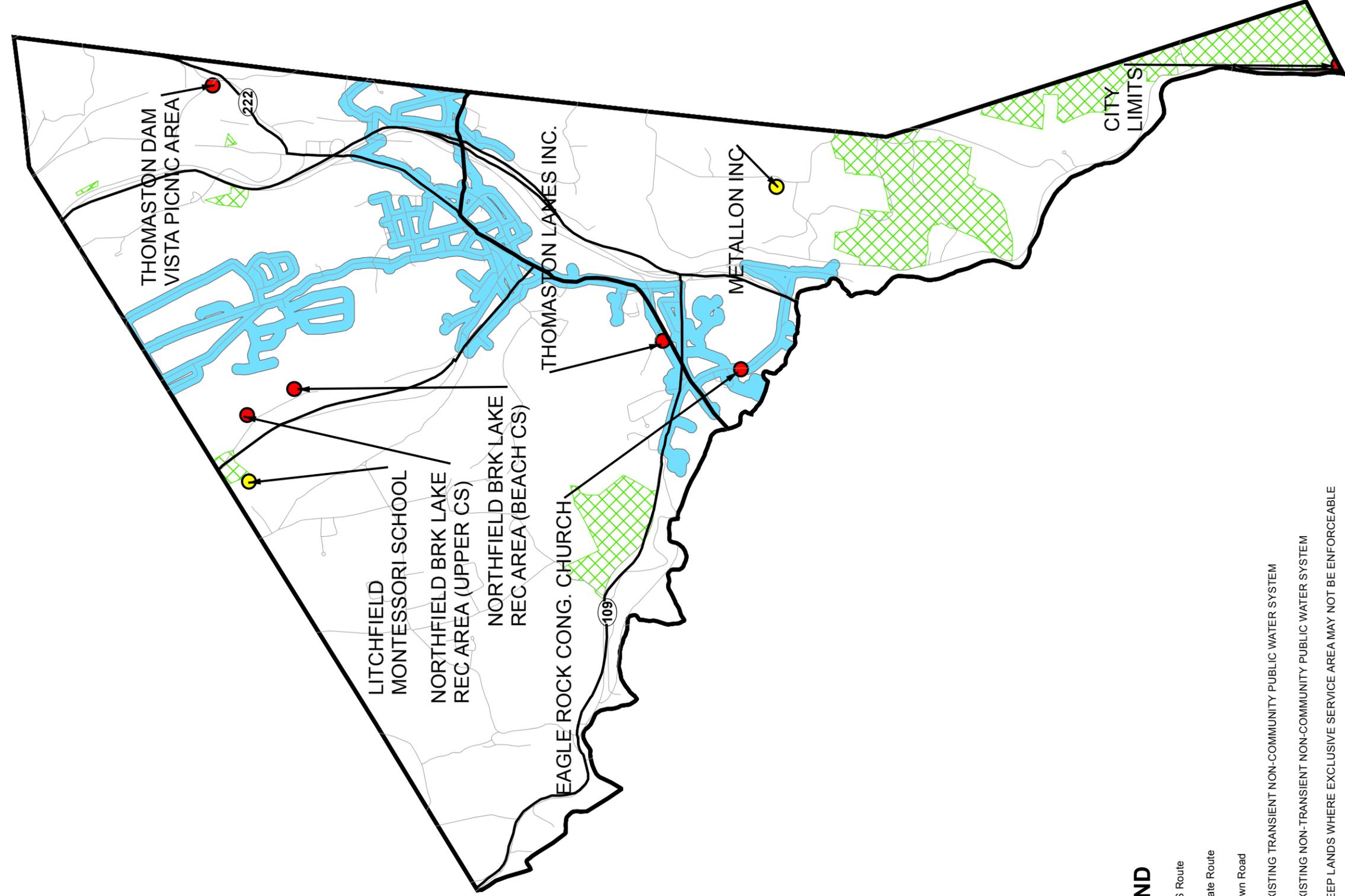
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Stamford ESA Declaration
For Stamford ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Stamford, CT

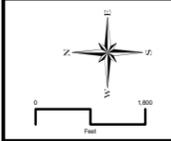
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 50



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- CONNECTICUT WATER SYSTEM - NAUGATUCK REG-THOMASTON SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA



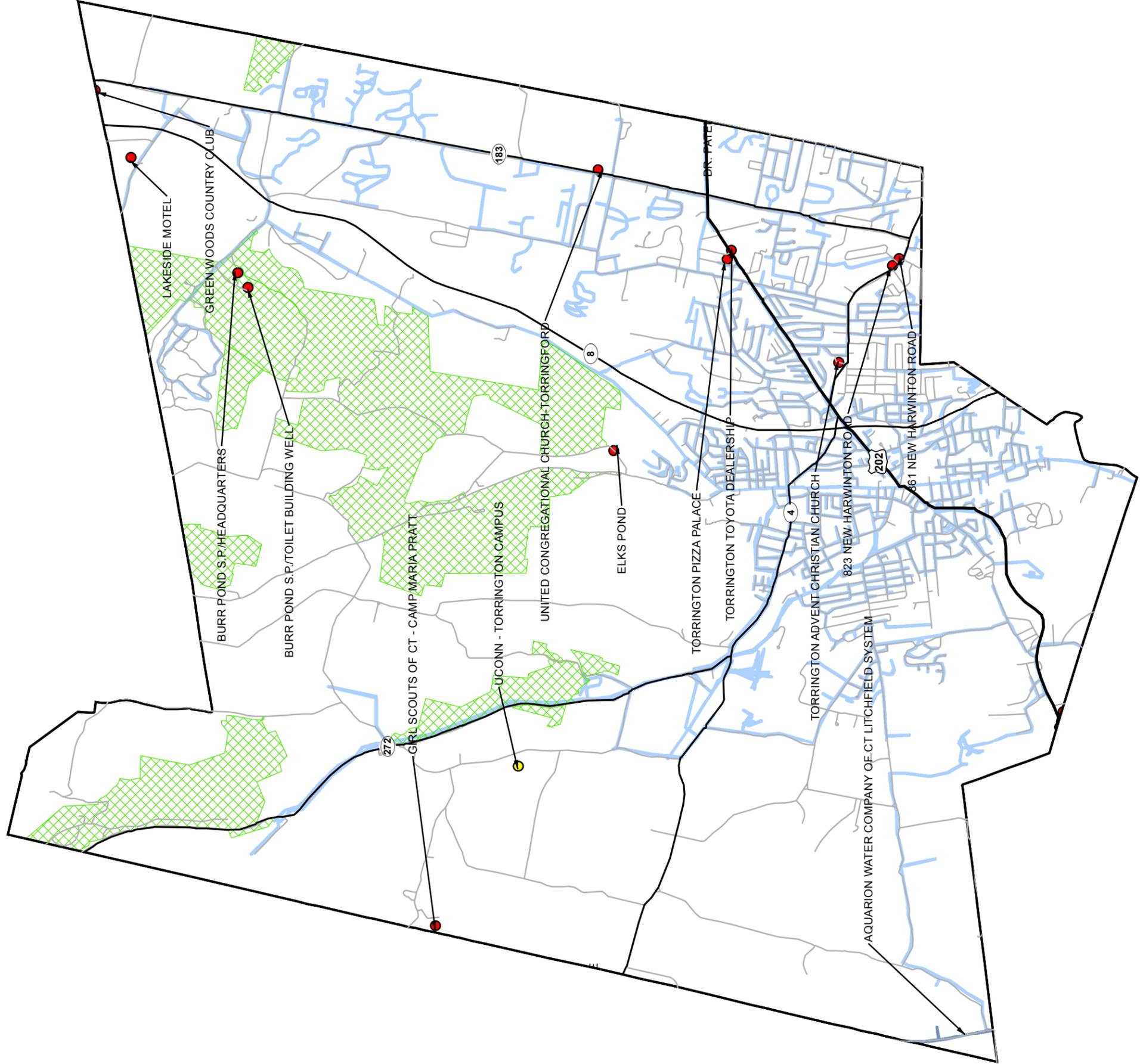
MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DESCRIPTION	DATE	BY
	Legend Updates	05/19/2017	MER

Thomaston ESA Declaration
 For Thomaston ESA Boundary Delineation
 Western PWSMA
 Western WUCC
 Thomaston, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE: 1:36,000		
DATE: MARCH 16, 2017		
PROJECT NO: 1017-05-04		

ESA Fig. 52

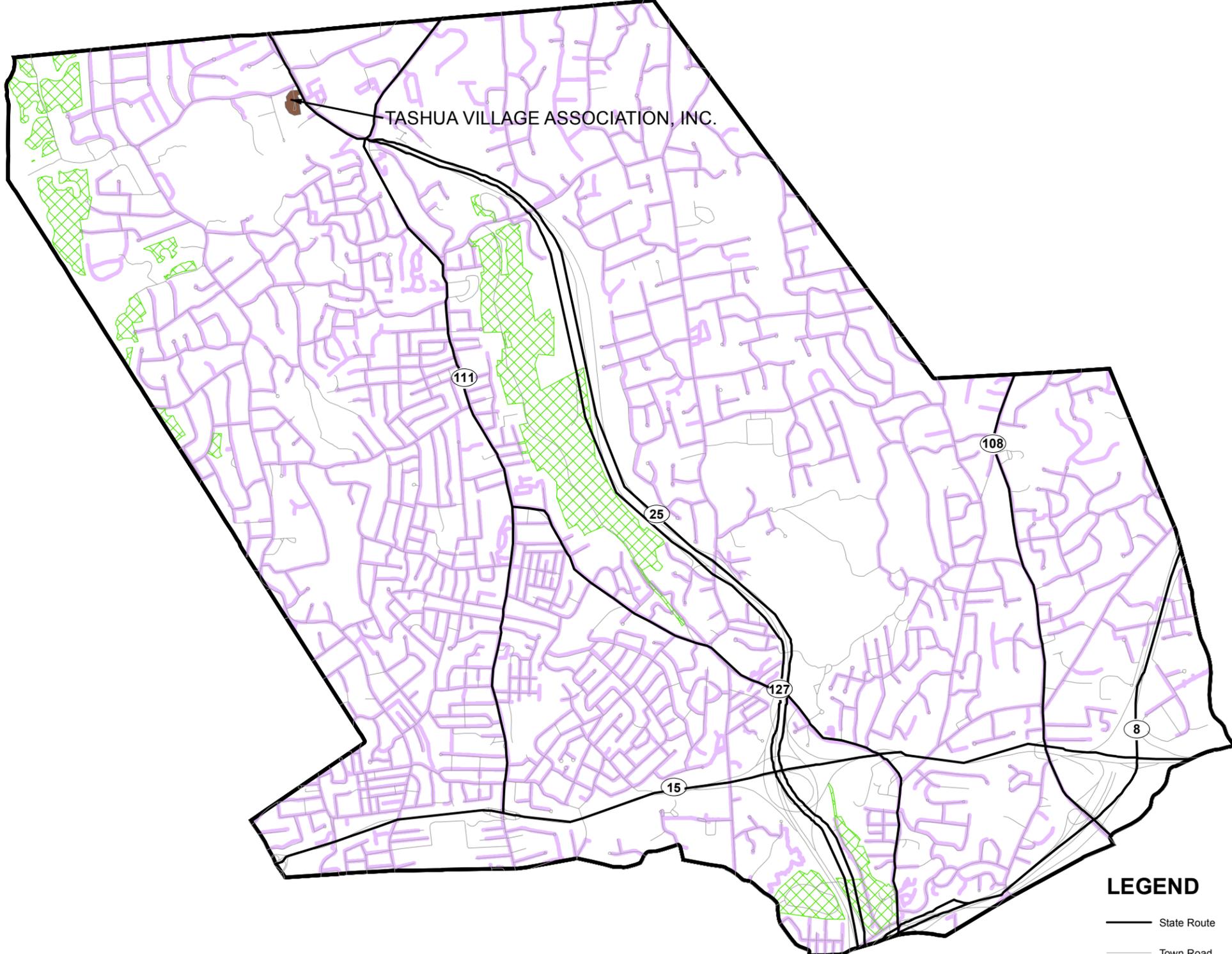


LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- TORRINGTON WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- TORRINGTON WATER COMPANY SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA

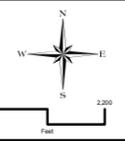
	 99 Realty Drive Cheshire, Connecticut 06410 (203) 271-1773 Fax (203) 272-9733 www.miloneandmacbroom.com	REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>Legend Position Updates</td> <td>05/19/2017</td> <td>MER</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DESCRIPTION	DATE	BY	Legend Position Updates	05/19/2017	MER													Torrington ESA Declaration For Torrington ESA Boundary Delineation Western PWSMA Western WUCC Torrington, CT
DESCRIPTION	DATE	BY																			
Legend Position Updates	05/19/2017	MER																			
SJB <small>DESIGNED</small>	MER <small>DRAWN</small>	SJB <small>CHECKED</small>	SCALE 1:50,000																		
DATE MARCH 16, 2017			PROJECT NO. 1017-05-04																		
SHEET NAME ESA Fig. 53			Copyright Milone & Macbroom, Inc. - 2015																		

\\p01pr01\cadd\171517\171517.dwg



LEGEND

-  State Route
-  Town Road
-  AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
-  DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
-  AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
-  OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA



MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

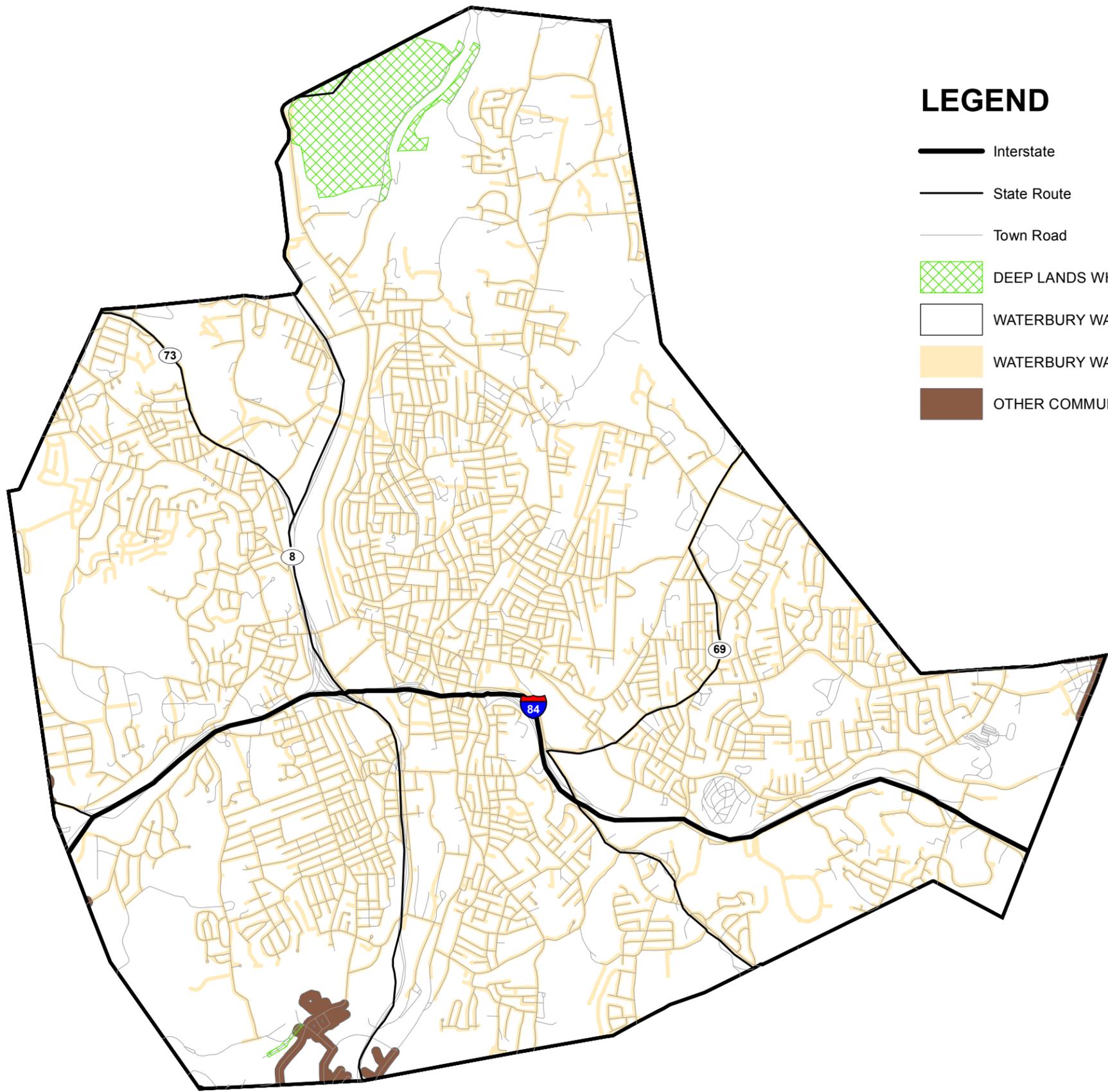
REVISIONS	DATE	BY
Legend update	5/1/2017	SJB

Trumbull ESA Declaration
For Trumbull ESA Boundary Delineation
Western PW SMA
 Western WUCC
 Trumbull, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:42,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

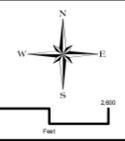
ESA Fig. 54

ps:\projects\10170101\10170101.dwg



LEGEND

-  Interstate
-  State Route
-  Town Road
-  DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
-  WATERBURY WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
-  WATERBURY WATER DEPARTMENT COMMUNITY WATER SYSTEM SERVICE AREA
-  OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



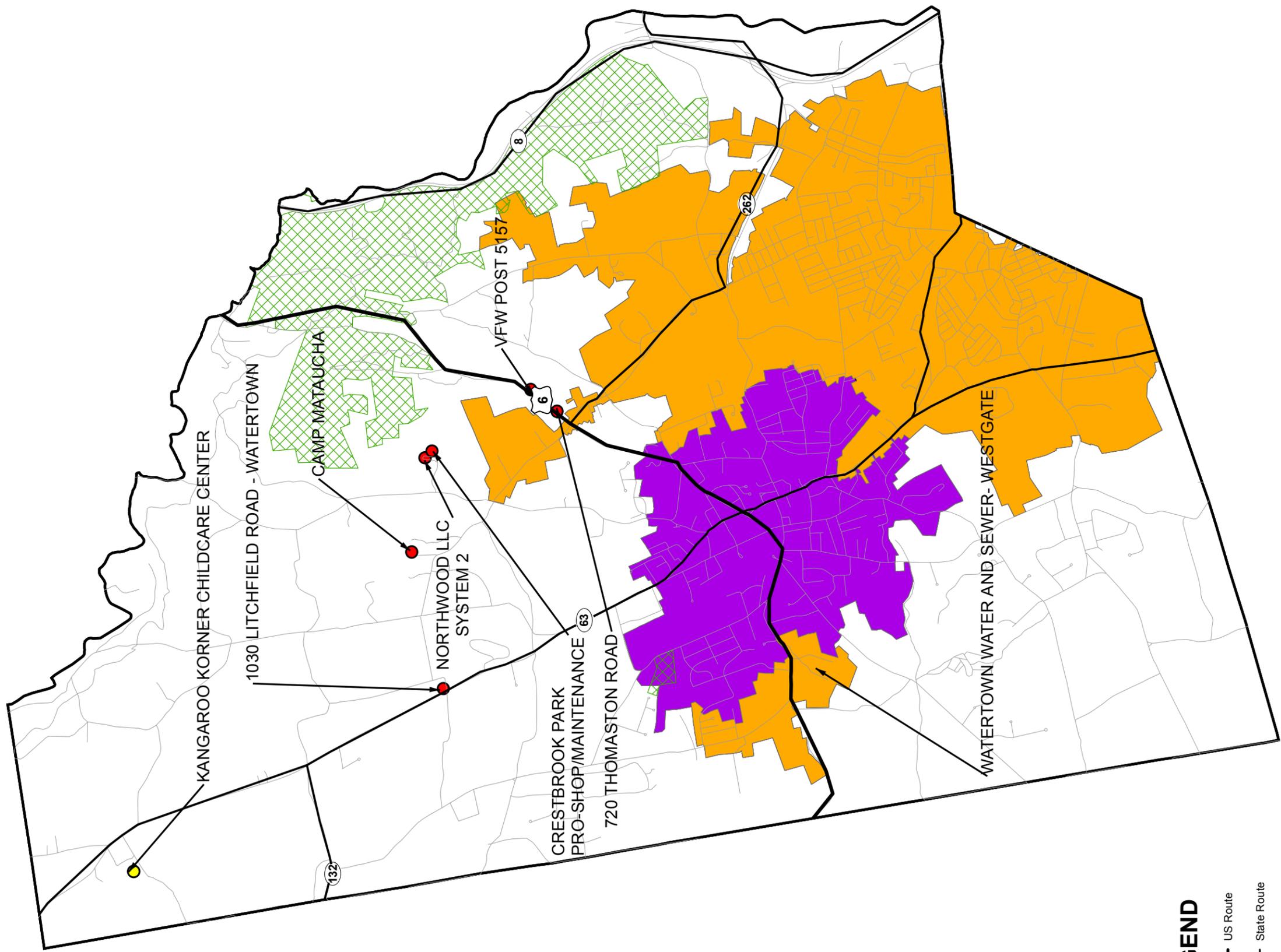
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DESCRIPTION	DATE	BY	SJB
	Legend update	5/1/2017		

Waterbury ESA Declaration
For Waterbury ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Waterbury, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

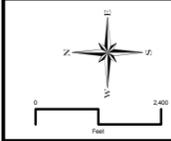
ESA Fig. 57



LEGEND

- US Route
- State Route
- Town Road

- EXISTING TRANSIENT NON-COMMUNITY WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY WATER SYSTEM
- ▨ DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
- WATERTOWN FIRE DIST WATER DEPT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- WATERTOWN WATER & SEWER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA



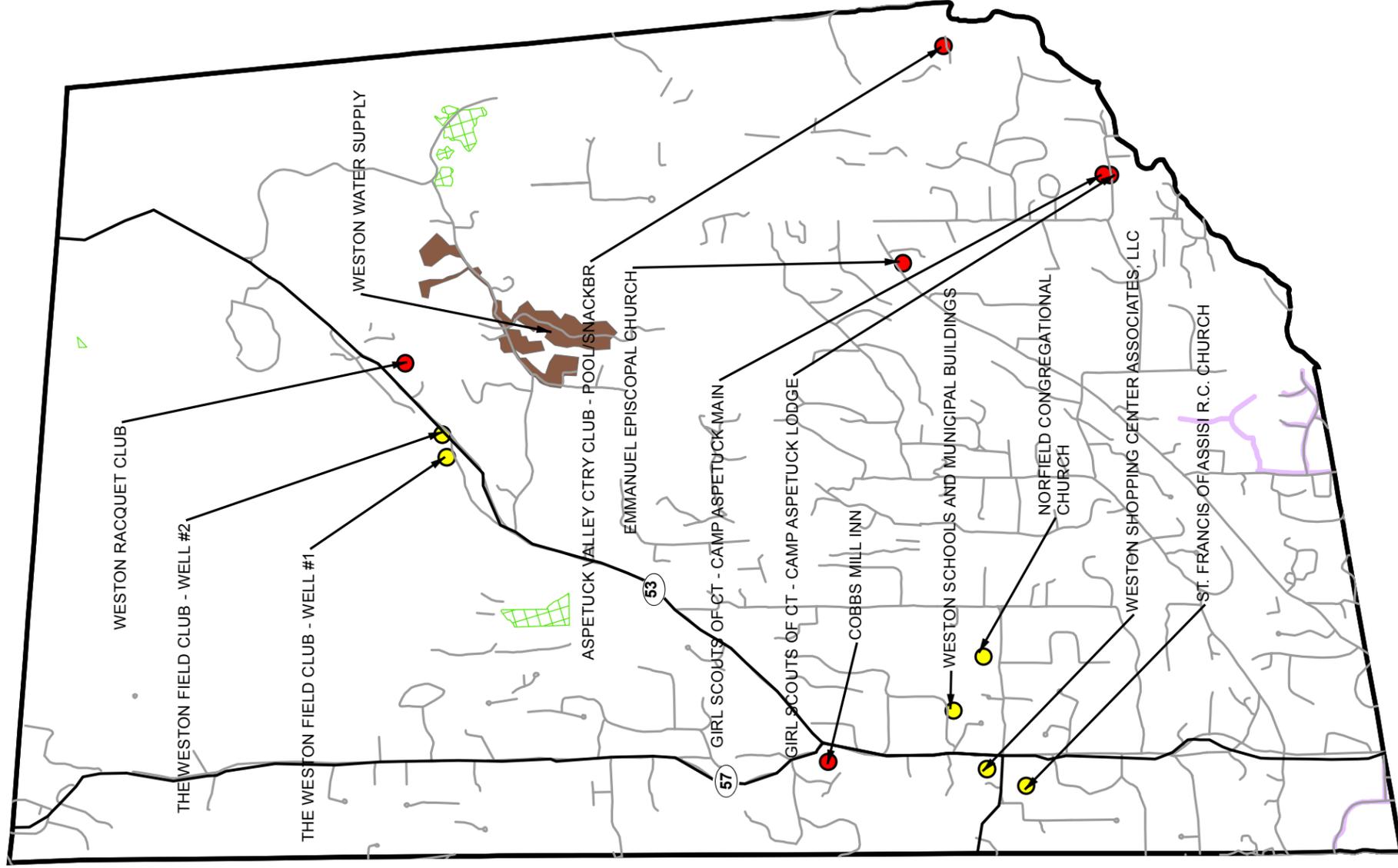
MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

REVISIONS	DESCRIPTION	DATE	BY
	Legend Update (labels)	5/1/2017	SJB
	Existing Service Area	5/25/2017	SJB
	Existing Service Area	6/8/2017	SJB

Watertown ESA Declaration
For Watertown ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Watertown, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE: 1:42,000		
DATE: MARCH 22, 2017		
PROJECT NO: 1017-05-04		

ESA Fig. 58



LEGEND

- Interstate
- US Route
- State Route
- Town Road

- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM

- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

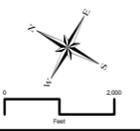
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:40,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 59

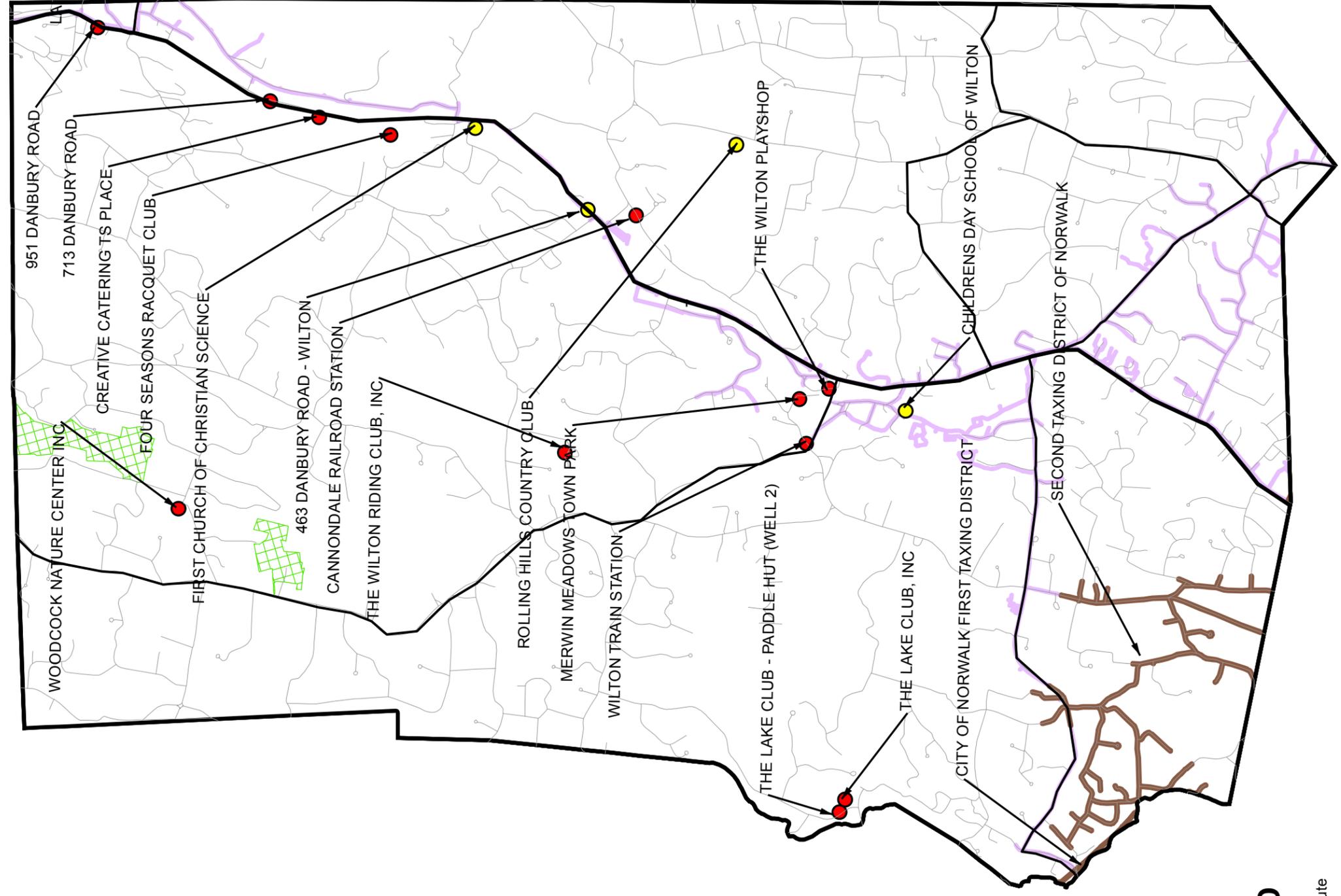
Weston ESA Declaration
For Weston ESA Boundary Delineation
Western PW SMA
 Western WUCC
 Weston, CT

REVISIONS	DESCRIPTION	DATE	BY
1	Legend updates	5/7/2017	SJB

MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com



FILED: 2017-03-16 10:58 AM WILTON, CT



LEGEND

- US Route
- State Route
- Town Road

- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM

- AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- AQUARION WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

ESA Fig. 61

PROJECT NO. 1017-05-04

DATE MARCH 16, 2017

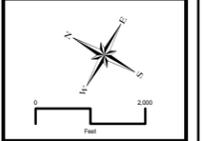
SCALE 1:40,000

SJB DESIGNED	MER DRAWN	SJB CHECKED
-----------------	--------------	----------------

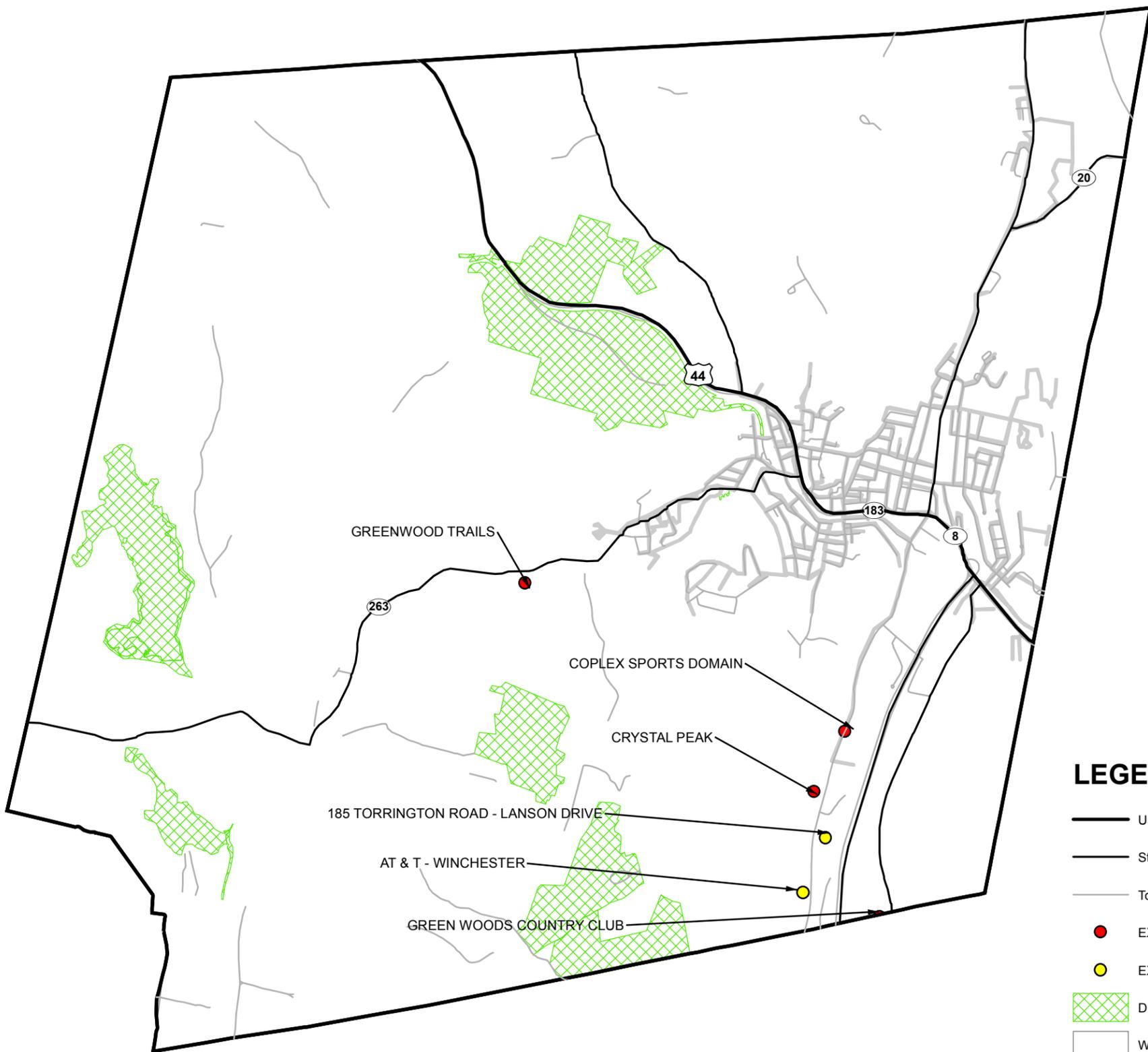
Wilton ESA Declaration
For Wilton ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Wilton, CT

DESCRIPTION	DATE	BY
PTWD Label	04/28/2017	SJB
Legend Update	05/18/2017	MER

MILONE & MACBROOM
 99 Realty Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

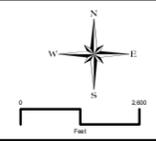


\\nas01\proj\101745\101745.dwg



LEGEND

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
- DEEP LANDS WHERE EXCLUSIVE SERVICE AREA MAY NOT BE ENFORCEABLE
- WINSTED WATER WORKS FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- WINSTED WATER WORKS SERVICE AREA



MILONE & MACBROOM
 99 Reedy Drive
 Cheshire, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

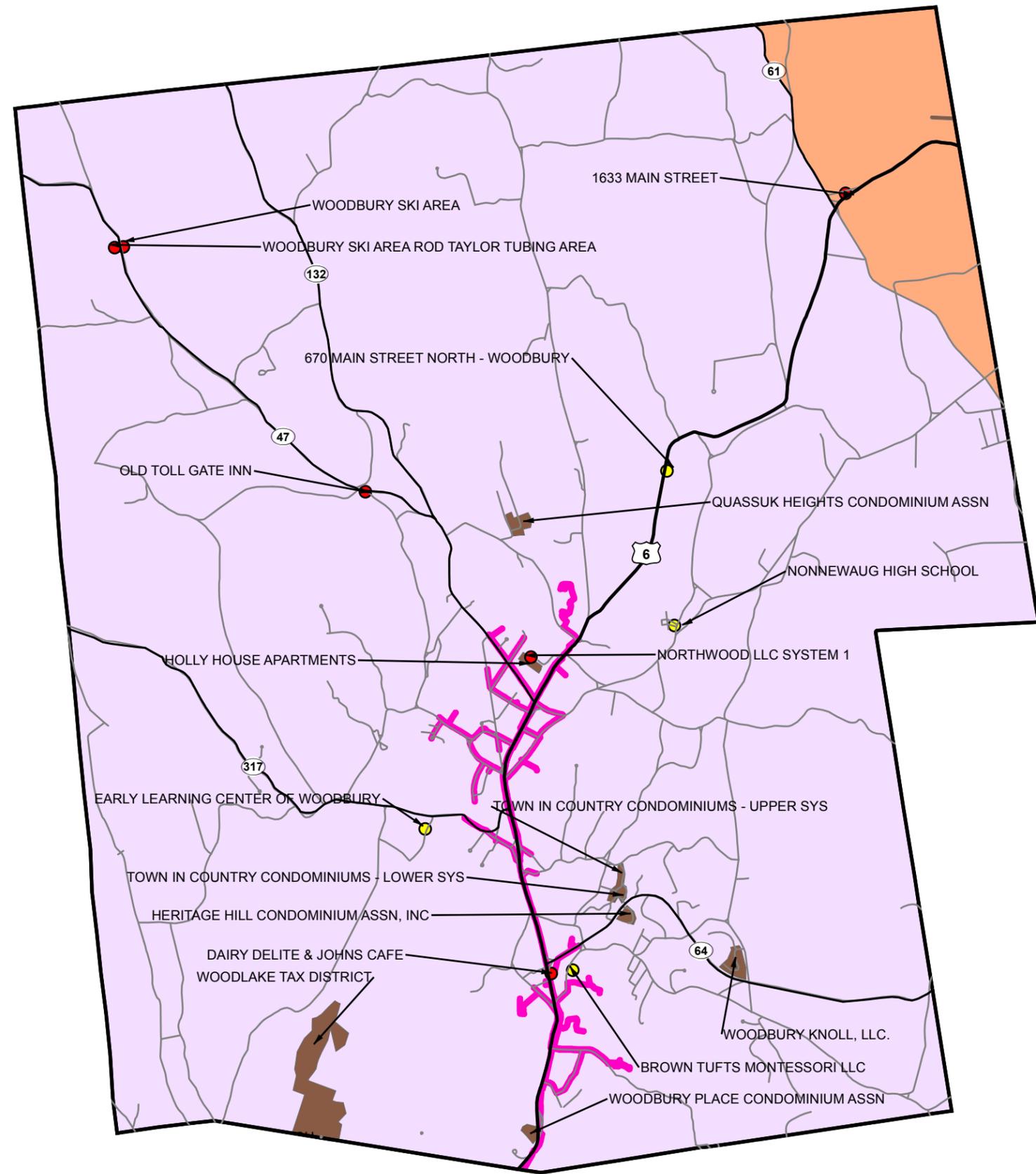
REVISIONS	DATE	BY
Legend Updates	05/19/2017	MER

Winchester ESA Declaration
 For Winchester ESA Boundary Delineation
Western PWSMA
 Western WUCC
 Winchester, CT

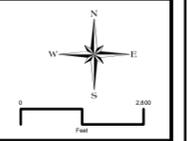
SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:48,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 62

psd:\engproj\1615\1615.dwg



- Legend**
- US Route
 - State Route
 - Town Road
 - EXISTING TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - EXISTING NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEM
 - AQUARION WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - WATERTOWN FIRE DISTRICT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
 - AQUARION WATER CO OF CT- WOODBURY SYSTEM SERVICE AREA
 - OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS



MILONE & MACBROOM
 88 Realty Drive
 Cheslin, Connecticut 06410
 (203) 271-1773 Fax (203) 272-9733
 www.miloneandmacbroom.com

DESCRIPTION	DATE	BY

Woodbury ESA Declaration
 For Woodbury ESA Boundary Delineation
 Western PW SMA
 Western WUCC
 Woodbury, CT

SJB DESIGNED	MER DRAWN	SJB CHECKED
SCALE 1:50,000		
DATE MARCH 16, 2017		
PROJECT NO. 1017-05-04		

ESA Fig. 64



APPENDIX F

PUBLIC COMMENTS RECEIVED ON THE PRELIMINARY EXCLUSIVE SERVICE AREA DOCUMENT

Log of Comments – Preliminary ESA Document – Western Region WUCC

<i>Date</i>	<i>Commenter</i>	<i>Main Points</i>	<i>Response/Edits</i>
4/3/2017	Connecticut DEEP	<ul style="list-style-type: none"> ▪ Thanked Western WUCC for recognizing the Department’s rights and providing sufficient information regarding the Department’s lands for future water supply planning activities by ESA holders, and for showing DEEP lands on ESA mapping ▪ Encouraged the Western WUCC to finalize the same designation of Department lands, map notes, and textual summary in the final ESA plan 	<ul style="list-style-type: none"> ▪ No changes.
4/10/2017	Aquarion Water Company	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Maps 15 & 17 ▪ Requested corrections to existing service area for East Derby system on ESA Map 17 	<ul style="list-style-type: none"> ▪ Corrected ESA Maps 15 & 17 as requested.
4/11/2017	Connecticut DPH	<ul style="list-style-type: none"> ▪ Acknowledged that all components in RCSA Section 25-33h-1(d)(B) have been included ▪ Requested that ESAs be established in Watertown ▪ Requested that the Western WUCC continue to work with local officials 	<ul style="list-style-type: none"> ▪ Discussion has been added to Section 2.4 under the Watertown bullet. The Western WUCC intends to work with the local government and utilities in Watertown to develop ESA boundaries, but this would come after the Final ESA Document is submitted to DPH. Any ESA holders assigned in Watertown for unserved areas would be submitted to DPH as an addendum to the ESA document.
4/19/2017	City of Danbury (via Tata & Howard)	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Map 15 	<ul style="list-style-type: none"> ▪ Corrected ESA Map 15 as requested.
4/19/2017	City of Norwalk First Taxing District Water Department	<ul style="list-style-type: none"> ▪ Requested certain system labels be added to ESA Maps 30 & 61 	<ul style="list-style-type: none"> ▪ Corrected ESA Maps 30 & 61 as requested.
4/28/2017 (after comment period)	Town of Weston / WestCOG	<ul style="list-style-type: none"> ▪ Identified legend discrepancies related to non-community systems on certain maps 	<ul style="list-style-type: none"> ▪ Checked and updated ESA Maps to ensure legend for non-community systems was shown if applicable.

April 3, 2017

Mr. Daniel Lawrence and Mr. Russell Posthauer, Jr., Co-Chairs, Western WUCC
Mr. Bart Halloran and Mr. David Radka, Co-Chairs, Central WUCC
Mr. Bob Congdon, Mr. Mark Decker, and Mr. Patrick Bernards, Tri-Chairs, Eastern WUCC

Re: Comment on Draft ESA Document and Preliminary Designation of ESAs

Dear Water Utility Coordinating Committee Chairs:

I write today to thank the WUCCs for considering how to best address lands under the custody and control of the Department. Our February 1, 2017 letter took advantage of a collaborative process with the WUCCs, and their consultants, that lead to proposed plans and maps that, if formally adopted, will recognize the Department's rights and provide sufficient information regarding Department lands for future water supply planning activities by ESA holders. The Department appreciates the decision of each WUCC to show all lands within the Department's custody and control, to identify any of those lands preliminarily assigned to an ESA with a note indicating that that assignment may not be enforceable against the Department and that the plans prepared by all three WUCCs include specific language regarding the Department's position that "when lands in the custody and control of the Connecticut DEEP are within an ESA, the rights and responsibilities assigned to the ESA holder do not apply to those lands."

The Department thanks each WUCC for the opportunity to participate in its planning process and encourages the WUCCs to finalize the same designation of Department lands, map notes and summary of the Department's position in their final ESA plans.

Sincerely,



Robert Kaliszewski
Deputy Commissioner

Scott Bighinatti

From: Banker, David <DBanker@themdc.com>
Sent: Monday, April 10, 2017 12:15 PM
To: Scott Bighinatti
Subject: FW: Western WUCC - Corrections to ESA Maps
Attachments: Danbury Fig. 15 - Corrected Map.pdf; East Derby Fig. 17 - Corrected Map.pdf; East Derby System Map.pdf

FYI

From: Kenneth Skov [mailto:kskov@aquarionwater.com]
Sent: Monday, April 10, 2017 12:14 PM
To: Dave Murphy (DaveM@miloneandmacbroom.com) (DaveM@miloneandmacbroom.com)
Cc: Daniel Lawrence; Russell Posthauer Jr (russellposthauer@ccaengineering.com); Banker, David
Subject: Western WUCC - Corrections to ESA Maps

Dave,

While doing a final review of the Western WUCC Preliminary Recommended ESA document I notice some errors on Fig. 15 Danbury and Fig. 17 Derby.

ESA Fig. 15 Danbury - Aquarion's Hollandale Estates system is not labeled on the map.
ESA Fig. 17 Derby – Only a portion of Aquarion's East Derby system is shown on the map.

Please find attached corrected Figures 15 & 17 as well a map of Aquarion's East Derby system for reference.

Ken

Kenneth R. Skov

Manager Water Resources and Infrastructure Planning
Aquarion Water Company
600 Lindley Street
Bridgeport, CT 06606

(203) 362-3033 (office)
(203) 330-4654 (fax)
(203) 770-3852 (mobile)
kskov@aquarionwater.com

Stewards of the Environment



Please think green before printing this email.

NOTICE: This e-mail and any attachments may contain confidential and proprietary information of Aquarion Water Company, which information is intended only for the use of the recipient(s) to whom this email is addressed. If you are not the intended recipient, please notify the sender immediately, and permanently delete the original message and any attachments.

This email has been scanned by the Symantec Email Security.cloud service.

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

April 11, 2017

To: Western Water Utility Coordinating Committee (WUCC) Representatives:
Daniel Lawrence, Co-Chair
Russell Posthauer, Co-Chair
David Banker, Recording Secretary

RE: Preliminary Recommended Exclusive Service Area Boundaries

The Department of Public Health received the Western WUCC's Preliminary Recommended Exclusive Service Area Boundaries document on March 22, 2017 and would like to thank the Western WUCC representatives and Milone & MacBroom, Inc. for their efforts. The Department reviewed the document and acknowledges that all components outlined in the Regulations of Connecticut State Agencies (RCSA) Section 25-33h-1(d)(B) have been included. The Department offers the following recommendations:

- The Town of Watertown, Watertown Fire District, Watertown Water & Sewer Authority, and WUCC representatives should work together to ensure that exclusive service areas are established and submitted as part of the Final Recommended Exclusive Service Area Boundaries.

The Department would also like to thank the public water utilities, Milone & MacBroom, Inc. and the Western WUCC representatives for contacting Town representatives to discuss exclusive service area claims within their towns. Please continue to work with local officials as we move through the remainder of the WUCC planning process.



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

Affirmative Action/Equal Opportunity Employer



Thank you again for your work on the Preliminary Recommended Exclusive Service Area Boundaries. Please feel free to contact me at 860-509-7333 if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Lori J. Mathieu". The signature is written in a cursive style with a large, stylized initial "L".

Lori J. Mathieu
Public Health Section Chief
Drinking Water Section

Scott Bighinatti

From: Steve Rugar <srugar@tataandhoward.com>
Sent: Wednesday, April 19, 2017 2:31 PM
To: Scott Bighinatti
Cc: David Day
Subject: RE: Western WUCC - Corrections to ESA Maps
Attachments: Danbury Map Edits.pdf

Scott,

In addition to the changes requested by Aquarion, we've identified 3 other potential edits:

- Change label for Hawthorne Terrace – now owned and operated by Danbury
- Add label for Aquarion Rolling Ridge system
- Add label for main owned by Town of Bethel

Edits are shown on the attached. Please let us know if you have any questions and if these edits will be incorporated.

Thanks,

Steve

Stephen K. Rugar, P.E.
Vice President



37 Brookside Road
Waterbury, CT 06708
Direct: (203) 456-2259
Cell: (203) 641-6739
Phone: (203) 753-9800
Fax: (508) 449-9400
Email: srugar@tataandhoward.com



Help save the environment: think before you print.

***Confidentiality Notice:** This message, including any attachments is intended only for the designated recipient(s). It may contain confidential or proprietary information and may be subject to legal privileges. If you are not the intended recipient, you may not use, distribute, or copy any portion of or attachment to this message. If you have received this message in error, please notify the sender, delete the message, and destroy any copies. Thank you.*

From: Scott Bighinatti [mailto:scottb@miloneandmacbroom.com]
Sent: Wednesday, April 19, 2017 8:33 AM

Scott Bighinatti

From: Michael Elliott <MElliott@firstdistrictwater.org>
Sent: Wednesday, April 19, 2017 11:57 AM
To: 'Banker, David'
Cc: DLawrence@aquarionwater.com; russellposthauer@ccaengineering.com; Dave Murphy; Scott Bighinatti
Subject: RE: Western WUCC - Statement of Confirmation for Exclusive Service Area - Action Required
Attachments: Map 30 comments.pdf; Map 61 Comments.pdf

I have attached a few minor clarifications for these ESA maps

Best Regards

Michael A. Elliott, P.E.
Manager Water Supply and Treatment
First District Water Department
12 New Canaan Avenue
Norwalk, CT 06851
(203) 229-7268
(203) 847-7387 ext 7268
(203) 515-8110

From: Banker, David [mailto:DBanker@themdc.com]
Sent: Wednesday, April 19, 2017 10:18 AM
To: Banker, David
Cc: DLawrence@aquarionwater.com; russellposthauer@ccaengineering.com; Dave Murphy; Scott Bighinatti
Subject: Western WUCC - Statement of Confirmation for Exclusive Service Area - Action Required

Good Morning,

The Western Water Utility Coordinating Committee (WUCC) is working to complete the Exclusive Service Area (ESA) process, planning to submit a finalized ESA document to the Connecticut Department of Public Health after the June 13th WUCC meeting. You are receiving this email because the utility or municipality you represent has a recommended ESA in the Western WUCC and entities with an ESA are required to sign a Statement of Confirmation to accept the ESA. A copy of the Statement of Confirmation and an index of ESA maps by town and water utility have been attached to this email. Proposed ESA maps can be found in Appendix E of the Preliminary ESA document, link included below: http://www.ct.gov/dph/lib/dph/drinking_water/pdf/preliminaryesadocument-western_2017-03-22.pdf

The WUCC is requesting to receive signed Statements of Confirmations on or before June 1, 2017. A signed original document must be provided to the Recording Secretary; this document can be provided in person at the next Western WUCC meeting scheduled for May 9th or sent to the address listed below. If you have any questions or if you cannot meet the schedule discussed above, please reach out to myself and the other WUCC officers copied on this email.

For more information regarding the Western WUCC, please visit the Connecticut Department of Public Health's webpage: <http://www.ct.gov/dph/wucc>

Thank you in advance for your help

David Banker, P.E.
Recording Secretary, Western WUCC
555 Main Street
Hartford, CT 06142-0800
Ph: (860) 278-7850 ext. 3650
Fax: (860) 525-5013

Scott Bighinatti

From: Dave Murphy
Sent: Friday, April 28, 2017 3:45 PM
To: Scott Bighinatti
Subject: Fwd: WUCC seeks comment on ESA Boundaries

Sent from my iPhone

Begin forwarded message:

From: Michael Towle <mtowle@westcog.org>
Date: April 28, 2017 at 2:25:43 PM EDT
To: Dave Murphy <davem@miloneandmacbroom.com>
Cc: Jonathan Luiz <JLuiz@westonct.gov>, Tracy Kulikowski <tkulikowski@westonct.gov>
Subject: RE: WUCC seeks comment on ESA Boundaries

Good Spot Tracey,

@Dave Murphy The omission of these features in the legend also occurs in some other towns (Couldn't spot others in WestCOG though).

Shelton, Plymouth

From: Tracy Kulikowski [<mailto:tkulikowski@westonct.gov>]
Sent: Friday, April 28, 2017 1:20 PM
To: Dave Murphy <davem@miloneandmacbroom.com>
Cc: Michael Towle <mtowle@westcog.org>; Jonathan Luiz <JLuiz@westonct.gov>
Subject: FW: WUCC seeks comment on ESA Boundaries

Mr. Murphy,

The only comment that I have is that the legend on ESA Figure 59, Weston ESA Declaration, does not appear to be complete. The legend does not identify what the yellow and red circles are. Based on my review of the Redding ESA Declaration, it appears that the yellow circles may represent an Existing Non-Transient Non-Community Public Water Systems and the red circles may represent an Existing Transient Non-Community Public Water System.

Thank you,
Tracy

Tracy D. Kulikowski, AICP
Land Use Director
Town of Weston, CT
203-222-2530
203-222-2623 (fax)
tkulikowski@westonct.gov