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

**Central Public Water Supply Management Area**

**June 14, 2017**

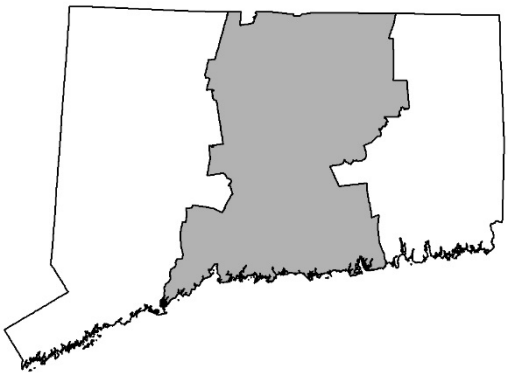
MILONE & MACBROOM

Engineering | Planning | Landscape Architecture | Environmental Science

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

**Central Public Water Supply Management Area**

**June 14, 2017**



**Prepared for:**

CENTRAL REGION WATER UTILITY
COORDINATING COMMITTEE
c/o the Elected Recording Secretary
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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 Central 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 Central Connecticut WUCC meeting or provided written comments on the process.

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## Central WUCC Active Members

| Member | Member |
|---|---|
| Aquarion Water Company | Town of Marlborough |
| Avon Water Company | Meriden Water Division |
| Berlin Water Control Commission | Metropolitan District Commission |
| Bristol Water Department | Middletown Water & Sewer Department |
| Capitol Region Council of Governments | New Britain Water Department |
| Connecticut Water Company | Town of Old Lyme |
| Town of Coventry | Portland Water Department |
| Cromwell Fire District | Town of Simsbury |
| Town of Durham | South Central Connecticut Regional Water Authority |
| Town of East Haddam | South Central Region Council of Governments |
| East Hampton Water Pollution Control Authority | Southington Water Department |
| Town of Haddam | Tolland Water Commission |
| Hazardville Water Company | Twin Maples Healthcare, Inc. |
| Juniper Club, Inc. | Valley Water Systems, Inc. |
| Lower Connecticut River Valley Council of Governments | Wallingford Water Division |
| Manchester Water & Sewer Department | |

## Other Meeting Attendees

Representatives from the following non-member organizations have attended at least one meeting, as have members of the public:

| Affiliation | Affiliation |
|---|---|
| Citizens Campaign for the Environment | Prime AE Group |
| Connecticut Department of Energy & Environmental Protection | Quinnipiac River Watershed Association |
| Connecticut Department of Public Health | River Advocates of South Central Connecticut |
| Connecticut Office of Policy & Management | Rivers Alliance of Connecticut |
| Connecticut Public Utilities Regulatory Authority | Rome Smith and Lutz |
| Connecticut River Watershed Council | Save Our Water – Connecticut |
| Durham Conservation Commission | Tighe & Bond, Inc. |
| Essex Health Department | University of Connecticut |
| Farmington River Watershed Association | West River Watershed Coalition |
| North Haven Department of Public Works | |

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# 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.

**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.

**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

**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 CWS. 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 NTNC water systems - unless sufficient service is available to meet the definition of a CWS - 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 NTNC 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 |
| CRCOG | Capitol Region Council of Governments |
| CWC | Connecticut Water Company |
| CWS | Community Water System |
| DEEP | Department of Energy & Environmental Protection |
| DOT | Department of Transportation |
| DPH | Department of Public Health |
| EPA | Environmental Protection Agency |
| ESA | Exclusive Service Area |
| LCRVCOG | Lower Connecticut River Valley Council of Governments |
| MDC | Metropolitan District Commission |
| MMI | Milone & MacBroom, Inc. |
| NTNC | Non-Transient Non-Community |
| 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 |
| SCRCOG | South Central Region Council of Governments |
| SCWA | Southeastern Connecticut Water Authority |
| TNC | Transient Non-Community |
| WPCA | Water Pollution Control Authority |
| WSA | Water Supply Assessment |
| WSP | Water Supply Plan |
| WUCC | Water Utility Coordinating Committee |
| WWW | Windham Water Works |

# 1.0 INTRODUCTION

## 1.1 Overview of Exclusive Service Area Process

The Coordinated Water System Plan for the Central 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 preliminary results of the ESA designation process for the Central 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 Central 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. in coordination with the Central Water Utility Coordinating Committee (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
- 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 either been approved by Connecticut DPH as ESA holders or have been approved by the Central 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) will be maintained and will automatically receive ESA designations via the delineation process. As part of this process, each public water system and municipality in the Central PWSMA was provided the opportunity to request ESA designations beyond their existing system boundaries that cover areas currently unserved by public water supply.

The Central PWSMA inherited the final recommended ESA designations established under Connecticut General Statutes (CGS) Section 25-33g by the former South Central WUCC and former Upper Connecticut River WUCC as well as the final approved ESA designations from the former Southeastern WUCC. These ESA designations were finalized in June 1989; May 24, 1988; and March 2001, 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 Central PWSMA in 2014. These modifications are incorporated into this document.

The former Northeastern Connecticut WUCC never convened; therefore, ESA boundaries were not delineated in the municipalities within that former PWSMA area, including (from north to south) the towns of Stafford, Tolland, Willington, Bolton, Coventry, Mansfield, Andover, and Columbia. In addition, the former Upper Connecticut River WUCC left certain areas without ESA designations (i.e., unassigned) in the towns of Berlin, Farmington, Newington, and Southington. Notice of the ESA Declaration Process and deadlines for these portions of the region were sent to Central WUCC members, consulting state agencies, municipal officials, and interested persons. A copy of such notice is included in Appendix A.

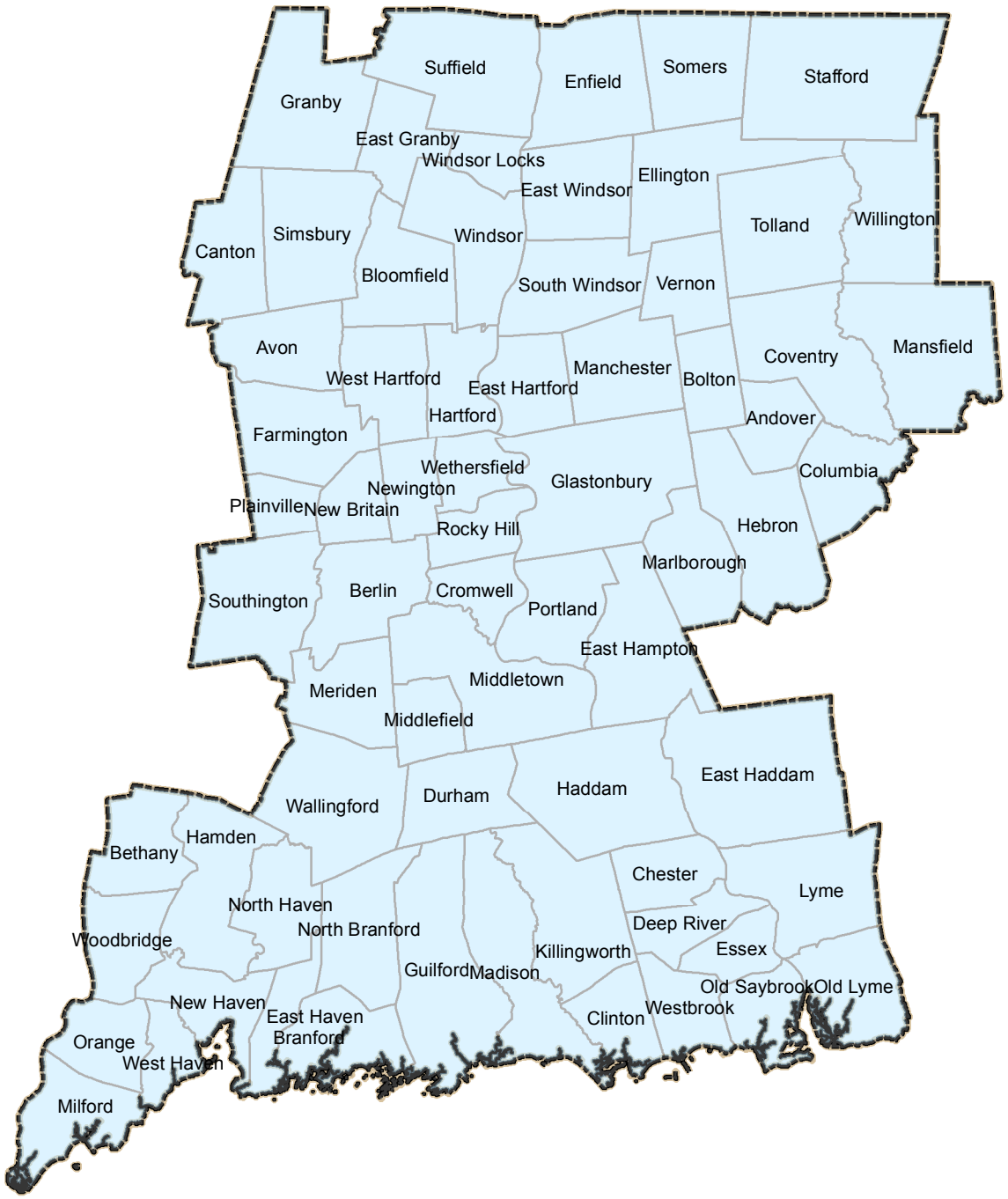
Being an ESA holder is a commitment to ownership and service for newly constructed public water supply needs for community water systems (essentially, residential public water supply needs) and, in general, a right-of-first-refusal for non-community water systems (non-residential) public water supply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

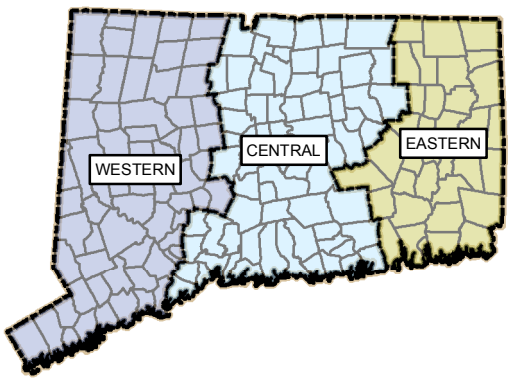
*In many areas of the Central PWSMA, ESA holders maintain ESA designations in rural or sparsely developed areas. Although an ESA holder is designated, actual development and need for public water service is supported by the direction set by local land use planning and zoning; state, regional, and local 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 Central WUCC that local land use planners will make use of the information in the Coordinated Water System Plan when making long-term planning decisions.*

## 1.2 Composition of the Central Public Water Supply Management Area

Pursuant to Public Act 85-535 and Section 25-33e of the 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.




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

**LEGEND**

**WUCC REGION**

- Central
- Eastern
- Western
- WUCC Boundary

**SOURCE(S):**
CT DPH 2016

N

**FIGURE 1-1: CENTRAL 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 = 45,000 ft |

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**TABLE 1-1**
**Coordinated Water System Plan Components and Schedule**

| Component | Schedule from Convening of Central WUCC | Due Date |
|---|---|---|
| A. Individual Water Supply Plans | Not Applicable | Not Applicable |
| B. Areawide Supplement (Four Parts) | Within 24 Months | June 15, 2018 |
| Part 1: Water Supply Assessment | Within 6 Months | December 15, 2016 |
| Part 2: Exclusive Service Area Declaration | Within 12 months | June 15, 2017 |
| Part 3: Integrated Report | Within 24 Months | June 15, 2018 |
| Part 4: Executive Summary | Within 24 Months | June 15, 2018 |

The Central PWSMA contains the municipalities that are included within the boundaries of the Capitol Region Council of Governments (CRCOG), the Lower Connecticut River Valley Council of Governments (LCRVCOG), and the South Central Region Council of Governments (SCRCOG) regional planning organizations. The boundaries of the Central PWSMA are generally defined by the Massachusetts state boundary to the north; the boundaries of the Western PWSMA and the Eastern PWSMA to the west and east, respectively; and Long Island Sound to the south. The municipalities within the Central PWSMA are listed in Table 1-2, with municipalities along the western and eastern PWSMA boundaries called out separately. In total, the Central PWSMA comprises 70 municipalities.

**TABLE 1-2**
**Central PWSMA Municipalities**

| Central PWSMA Municipalities | | | | |
|---|---|---|---|---|
| Andover | Durham | Haddam | New Britain | Southington* |
| Avon* | East Granby | Hamden* | New Haven | Stafford^ |
| Berlin | East Haddam^ | Hartford | Newington | Suffield |
| Bethany* | East Hampton^ | Hebron^ | North Branford | Tolland |
| Bloomfield | East Hartford | Killingworth | North Haven | Vernon |
| Bolton | East Haven | Lyme^ | Old Lyme^ | Wallingford* |
| Branford | East Windsor | Madison | Old Saybrook | West Hartford |
| Canton* | Ellington | Manchester | Orange* | West Haven |
| Chester | Enfield | Mansfield^ | Plainville* | Westbrook |
| Clinton | Essex | Marlborough^ | Portland | Wethersfield |
| Columbia^ | Farmington* | Meriden* | Rocky Hill | Willington^ |
| Coventry^ | Glastonbury | Middlefield | Simsbury | Windsor |
| Cromwell | Granby* | Middletown | Somers | Windsor Locks |
| Deep River | Guilford | Milford* | South Windsor | Woodbridge* |

*Denotes a municipality that is on the border with the Western PWSMA
^Denotes a municipality that is on the border with the Eastern PWSMA

The Central PWSMA consists of 934 public water systems. They are regulated as follows:

- 199 are regulated as Community Water Systems (CWS).
- 214 are regulated as Non-Transient Non-Community (NTNC) water systems.
- 521 are regulated as Transient Non-Community (TNC) water systems.

Per statute, the Central WUCC is comprised of one representative from each public water system with a source of water supply or a service area within the Central PWSMA and one representative from each regional council of governments within the Central 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 Central WUCC members own and/or operate more than one system. Based on the bylaws and work plan developed by the Central 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 by virtue of owning multiple systems within the PWSMA. In total, there are currently 757 recognized members of the Central WUCC, including public water utility representatives, municipalities who operate public water systems, and three regional planning agencies. Refer to Appendix B of the *Final Water Supply Assessment* dated December 2016 for a listing of members of the Central 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 Central 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. 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 | Northeastern Canton, southwestern East Granby, and all but a small portion of southern Simsbury | Avon, Bloomfield, Canton, East Granby, Granby, Simsbury | Special Act 265 (Village Water Company of Simsbury, May 15, 1903, as amended) |
| | Andover, northern East Hampton, and Columbia | None | CGS 16-262m |
| Avon Water Company | All but western Avon, small portion of northwestern Farmington, southern Simsbury | Avon | Substitute for Senate Joint Resolution 102, March 8, 1911; PURA docket 86-05-33 Order #10 (Farmington Woods Water Company) |
| Berlin Water Control Commission | Central and eastern Berlin, western Berlin | East Berlin, Berlin | East Berlin Fire District established under CGS Chapter 31 in 1923; Berlin Town Charter (Section 8-7-6), 1968; CGS 7-234 |
| Bolton, Town of | Certain municipal properties in Bolton | Bolton | CGS 7-234 |
| Cromwell Fire District | Cromwell | Cromwell Fire District | Special Act 220, May 5, 1927 |
| Connecticut Water Company | Chester, Deep River | All of Connecticut | House Joint Resolution 357 – Incorporating the Chester Water Supply Company, July 6, 1895; House Joint Resolution 358 – Incorporating the Deep River Water Supply Company, July 4, 1895 |
| | Western Avon, all but northeastern Canton | All of Connecticut | Substitute for House Joint Resolution No. 66 – Incorporating the Collinsville Water Company, June 17, 1901, as amended |
| | Clinton, Guilford, Madison | All of Connecticut | House Joint Resolution 134 – Incorporating the Clinton Water Company, April 14, 1893; House Joint Resolution 116 – Incorporating the Guilford Water Company, March 16 1893; House Joint Resolution 256 – Incorporating the Madison Water Company – April 19, 1893, as amended |

**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 |
|---|---|---|---|
| Connecticut Water Company (Continued) | Northern Bolton, existing system in Columbia, Coventry, southern Durham, eastern East Granby, small portions of northwestern and northeastern East Haddam, a portion of eastern East Hampton, Essex, Haddam, Hebron, Killingworth, all but southern Mansfield and UConn land in Mansfield, Old Lyme, Old Saybrook, South Windsor, northwestern Tolland, Westbrook, most of Willington | All of Connecticut | Senate Bill 455 – An Act Incorporating the Connecticut Water and Gas Company, July 23, 1945 |
| | Stafford | All of Connecticut | Incorporating the Stafford Springs Aqueduct Company, April 17, 1883 |
| | Central and western Farmington | All of Connecticut | House Joint Resolution No. 50 – An Act Incorporating the Unionville Water Company, January 1893, as amended |
| | East Windsor; Ellington; Enfield; northwestern, central, southeastern, and southwestern Somers; Suffield; all but a small portion of southwestern Vernon; Windsor Locks | All of Connecticut | Incorporating the Broad Brook Water Company, 1849, as amended; Incorporating the Rockville Aqueduct Company, June 27, 1866, as amended; Incorporating the Windsor Locks Water Company, March 31, 1887, as amended; Incorporating the Thompsonville Water Company, March 24, 1880, as amended; House Joint Resolution 112 – Incorporating the Village Water Company of Suffield, May 3, 1895; Incorporating the Suffield Water Company, May 19, 1915, as amended; Substitute for House Joint Resolution 318 – Incorporating the Somers Water Company, June 30, 1905, as amended; Incorporating the Ellington Water Company, April 1, 1915; House Bill 1087 – Amending the Charter of the CWC, May 22, 1957; Substitute for House Bill 3039 – Concerning the Territory of the Vernon Water Company, May 29, 1968 |

**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 |
|---|---|---|---|
| Durham, Town of | Northern Durham | Durham | CGS 7-234 |
| East Haddam, Town of | East Haddam except for two small areas in northwestern and northeastern part of town | East Haddam | CGS 7-234 |
| East Hampton, Town of | East Hampton except for northern area and small portion east of Lake Pocotopaug | East Hampton | CGS 7-234 |
| Hazardville Water Company | Southern, central, and eastern Enfield; western and northern Somers | Boundary of Hazardville and Scitico in Enfield | House Joint Resolution 515, June 21, 1889, as amended |
| Kensington Fire District | Kensington Fire District and vicinity | Kensington Fire District and vicinity | Town Resolution in accordance with CGS Chapter 31, December 7, 1920 |
| Lyme, Town of | Lyme | Lyme | CGS 7-234 |
| Manchester Water Department | Portion of north-central Glastonbury, all except small portion of western Manchester, small portion of southwestern Vernon | Manchester, Glastonbury | Special Act of 1947; Town Charter, 1947; CGS 7-234 |
| Marlborough, Town of | Marlborough | Marlborough | CGS 7-234 |
| Meriden Water Division | Meriden | Meriden | Meriden City Charter, Section C7-1; 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 |
|---|---|---|---|
| Metropolitan District Commission | Bloomfield; northern, central, and southern East Granby; East Hartford; northeastern Farmington; all but a portion of north-central Glastonbury; Hartford; small portion of western Manchester; all but two small portions of western Newington; Rocky Hill; southwestern South Windsor; West Hartford; Wethersfield; Windsor; southwestern Windsor Locks | 20-mile radius of Hartford | Special Act 511 of 1929; Substitute for House Bill 610, Special Act No. 444, An Act Increasing the Powers of the Metropolitan District Regarding Water dated June 25, 1949; Senate Bill No. 88, Special Act 122, An Act Amending the Charter of the Metropolitan District, Concerning the Colebrook River Dam dated June 6, 1963; Special Act No. 75-55, An Act Concerning the Powers of the Metropolitan District Respecting Water dated June 30, 1975; Charter & Ordinances of the MDC in Hartford County, Connecticut, as amended |
| Middlefield, Town of | Middlefield | Middlefield | CGS 7-234 |
| Middletown Water Department | Middletown | Middletown and surrounding municipalities | CGS Vol. 5 Special Act, July 20, 1865; Middletown Common Council Action, September 1865; CGS 7-234 |
| New Britain Water Department | Portion of northern Berlin, portions of southeastern Farmington, New Britain, portions of western Newington | New Britain and surrounding municipalities | Municipal Special Charter, June 4, 1857; Special Act, May 30, 1860; CGS 7-234 |
| Portland Water Department | Portland | Portland | Special Act 24, June 30,1943; 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 |
|---|---|---|---|
| South Central Connecticut Regional Water Authority | Bethany, Branford, East Haven, Hamden, Milford, New Haven, North Branford, North Haven, Orange, West Haven, Woodbridge | Bethany, Branford, East Haven, Guilford, Hamden, Killingworth, Madison, Milford, New Haven, North Branford, North Haven, Orange, West Haven, and Woodbridge | Special Act 77-98, 1977, as amended; Incorporating the New Haven Water Company, 1849, as amended; Incorporating the Fair Haven Water Company, July 2, 1861, as amended; Incorporating the West Haven Water Company, March 8, 1881, as amended; Incorporating the Branford Electric Company, March 28, 1895, as amended; Incorporating the Mount Carmel Water Company, March 26, 1878; Incorporating the North Branford Light, Water, and Power Company, June 29, 1909, as amended; Incorporating the Orange Water Company, August 29, 1911; Incorporating the Milford Water Company, May 5, 1893, as amended |
| Southington Water Department | Southington | Southington | Southington Water Department chartered by Special Act in 1882 (Volume 19, pages 609-614); Water Works of Southington Water Company acquired by Southington Water Works by 1901 Special Act, July 14, 1901; CGS 7-234 |
| Tolland Water Department | Tolland (all but northwestern) | Tolland | CGS 7-234; Town Charter Chapter 49, November 28, 1978, as amended |
| Valley Water Systems, Inc. | Plainville, portion of southeastern Farmington | Plainville and northern portion of Southington | House Joint Resolution 109 – Incorporating the Plainville Water Company, February 27, 1884 |
| Wallingford Water Division | Wallingford | Wallingford | Special act of 1881 revised Borough of Wallingford Charter, Sections 58-70, March 29, 1881; Special Act 495 Incorporating Yalesville Water Company, 1909; CGS 7-234 |
| Windham Water Works | Southern Mansfield | Windham, Mansfield, Lebanon | House Joint Resolution No. 230, Special Act 174, May 1, 1883; CGS 7-234; Consolidation Ordinance of Town of Windham and City of Willimantic, Chapter VII, December 15, 1982 |
| Worthington Fire District | Worthington Fire District | Worthington Fire District | State Legislative Act 278, January 1, 1921 |

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

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, one or more organizations may have been superseded by the current charter. As an example, in Wallingford, the initial water service areas were granted to the Borough of Wallingford and the Yalesville Water Company in 1881 and 1909 by Special Acts

of the State Legislature, the first operating by public board and the latter a private company. Yalesville Water Company was purchased in 1946. The borough and town governments consolidated in 1958 with the Water Department under the jurisdiction of a new Board of Water Commissioners (which became the Public Utility Commission in 1962).

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, it was recommended that the Public Utility Regulatory Authority (PURA) docket process be used to effectively resolve the conflict as provided for in the ESA statute, which requires 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 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 Central 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 that have been granted franchise areas and/or purchased the franchise rights from still other earlier utilities. Table 1-3 presents the applicable Special Acts to the former Village Water Company of Simsbury for its service areas in Canton, East Granby, and Simsbury.

There are no statutes, special acts, or administrative decisions that provide special privilege to AWC to provide service to its proposed ESA designations in Andover, Columbia, or northern East Hampton. AWC will provide service to new systems developed under the CPCN process and/or systems that were created prior to CGS 16-262m.

**Avon Water Company**

Authorization for supply of water within Avon is provided via Substitute for Senate Joint Resolution 102 approved March 8, 2011. PURA docket 86-05-33 Order No. 10 required Avon Water Company to take over the Farmington Woods Water Company and thereby authorized service to a limited area of Farmington.

**Berlin Water Control Commission**

The Berlin Water Control Commission is the municipal successor to the East Berlin Fire District established under CGS Chapter 31 in 1923. As a political subdivision of the State of Connecticut, the Town of Berlin is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). The Berlin Town Charter (Section 8-7-6) of 1968 authorizes water service to all areas of Berlin.

**Bolton, Town of**

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

**Cromwell Fire District**

The Cromwell Fire District was authorized by Special Act 220 approved May 5, 1927 to purchase a pre-existing water company and to provide water service to the Cromwell Fire District.

**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, and 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

Central PWSMA, these consolidation areas include the special acts originally authorizing a variety water companies as noted in Table 1-3.

**Durham, Town of**

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

**East Haddam, Town of**

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

**East Hampton, Town of**

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

**Hazardville Water Company**

The Hazardville Water Company was authorized by House Joint Resolution 515 approved June 21, 1889, as amended. This special act authorized the company to provide water service to the villages of Hazardville and Scitico in Enfield. Certain administrative decisions by PURA and DPH later authorized service by the company to portions of the Town of Somers.

**Kensington Fire District**

The Kensington Fire District was established by Town Resolution approved December 7, 1920, in accordance with the provisions of Chapter 31 of the CGS. The resolution authorized the district to provide water service within and in the vicinity of the District.

**Lyme, Town of**

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

**Manchester Water Department**

The Manchester Water Department was authorized by Special Act in 1947 to provide water service to Manchester and portions of Glastonbury. This authorization is also reflected in the Town Charter dated 1947. Furthermore, as a political subdivision of the State of Connecticut, the Town of Manchester is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**Marlborough, Town of**

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

**Meriden Water Division**

As a political subdivision of the State of Connecticut, the City of Meriden is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). Section C7-1 of the Meriden City Charter also authorizes the municipal water system.

**Metropolitan District Commission**

The Metropolitan District Commission (MDC) was established by Special Act 511 in 1929 as a successor to Hartford Water Works. The powers granted to MDC in Special Act 511 were incorporated into the 1929 MDC Charter, as amended, for delivery to member towns. A variety of subsequent special acts have modified the powers of the district with respect to water supply.

**Middlefield, Town of**

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

**Middletown Water Department**

The Middletown Water Department was originally authorized by Special Act dated July 20, 1865, which authorized service to Middletown and adjacent municipalities. The provisions of the special act were approved by the Middletown Common Council in September 1865. Furthermore, as a political subdivision of the State of Connecticut, the City of Middletown is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**New Britain Water Department**

The New Britain Water Department was originally authorized by the Municipal Special Charter dated June 4, 1857, to provide water supply. The New Britain Water Department was authorized by Special Act dated May 30, 1860, which authorized service to New Britain and adjacent municipalities. Furthermore, as a political subdivision of the State of Connecticut, the City of New Britain is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**Portland Water Department**

The Portland Water Department was originally authorized by Special Act 24 dated June 30, 1943, which authorized service to Portland. Furthermore, as a political subdivision of the State of Connecticut, the Town of Portland is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**South Central Connecticut Regional Water Authority**

South Central Connecticut Regional Water Authority (SCCRWA) is authorized to provide water service to Bethany, Branford, East Haven, Hamden, Milford, New Haven, North Branford, North Haven, Orange, West Haven, and Woodbridge based on Special Act 77-98 of 1977, which established the SCCRWA franchise area. The SCCRWA franchise area subsumed the service area of numerous other water companies authorized by special act as noted in Table 1-3.

**Southington, Town of (Southington Water Department)**

The Southington Water Department was originally chartered in 1882 by Special Act. Furthermore, Southington Water Works was authorized by Special Act approved July 14, 1901, to acquire the Water Works of Southington Water Company and to provide water service within Southington. The Town of Southington later acquired the Southington Water Company. Finally, as a political subdivision of the State of Connecticut, the Town of Southington is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**Tolland, Town of (Tolland Water Department)**

As a political subdivision of the State of Connecticut, the Town of Tolland is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). Chapter 49 of the Town Charter approved November 28, 1978, authorized the municipal water system, with additional chapters related to the water system, approved by the Town Council in 1989 and 1998.

**Valley Water Systems**

The Plainville Water Company was incorporated by House Joint Resolution 109 dated February 27, 1884, which authorized service to Plainville and a portion of northern Southington. Valley Water Systems, Inc. later acquired the Plainville Water Company.

**Wallingford Water Division**

The Borough of Wallingford was originally authorized by Special Act in 1881 to provide water supply through revisions to Sections 58-70 of the borough charter. Special Act 495 incorporated the Yalesville Water Company in 1909 and authorized service in Yalesville. The Town of Wallingford eventually came to control the former borough and Yalesville Water Company systems. Furthermore, as a political subdivision of the State of Connecticut, the Town of Wallingford is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G).

**Windham Water Works**

As a political subdivision of the State of Connecticut, the Town of Windham is authorized to establish a municipal water utility under CGS 7-234 and CGS 7-148(c)(4)(G). Public water works for the City of Willimantic were originally established in 1885, following House Joint Resolution No. 230, Special Act 174, dated May 1, 1883, authorizing the Borough of Willimantic to supply water from any stream, lake, or pond, except the Willimantic River, within the limits of the town of Windham, or within the limits of any town adjoining Windham, except for Lake Wamgambaug in Coventry, and to convey such water in, to, and through said borough.

The City of Willimantic consolidated with the Town of Windham in 1983. Chapter VII-6 of the Consolidation Ordinance of the Town of Windham and the City of Willimantic dated December 15, 1982, establishes a water commission, which includes all powers and authority formerly held and exercised by the water authorities of the former borough and City of Willimantic.

**Worthington Fire District**

The Worthington Fire District was established by State Legislative Act dated January 1, 1921. The resolution authorized the district to provide water service within the district.

## 1.4 Public Comments

A Preliminary ESA document for the Central Connecticut PWSMA was issued for public comment on March 16, 2017, as required by statute, with comments accepted through April 19, 2017. The list of comments received during the public comment period are 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 |
|---|---|---|
| 3/13/2017 | Avon Water Company | ▪ Requested Avon Water Company ESA to be shown for Farmington on ESA Map 25 |
| 3/16/2017 | Town of Coventry | ▪ Requested depicting additional town water systems in Coventry on ESA Map 12<br>▪ Requested correction to location of one of the town water systems<br>▪ Requested corrections to certain CWC system labels |
| 3/20/2017 | Valley Water Systems | ▪ Questioned whether the Department of Energy & Environmental Protection (DEEP) land in Farmington shown on ESA Map 25 in Valley Water System's Preliminary ESA was actually owned by Connecticut DEEP |
| 3/21/2017 | Avon Water Company | ▪ Requested corrected ESA boundaries in Avon, Farmington, and Simsbury to be shown on ESA Maps 2, 25, and 54 |
| 3/22/2017 | Aquarion Water Company | ▪ Noted 1997 Agreement between West Service Corporation and CWC clarifying ESA boundary of West Service Corporation, and requested DPH assistance in determining if the former Upper Connecticut River WUCC ever assigned an ESA to West Service Corporation |
| 3/29/2017 | Town of Mansfield | ▪ Noted that three CWC systems and one additional non-community system were not shown on the map for Mansfield (ESA Map 37) |
| 3/30/2017 | Town of Suffield | ▪ Requested clarification regarding AWC's West Suffield System |
| 4/3/2017 | Connecticut DEEP | ▪ Thanked Central WUCC for recognizing DEEP's rights and providing sufficient information regarding DEEP's lands for future water supply planning activities by ESA holders and for showing DEEP lands on ESA mapping<br>▪ Encouraged the Central WUCC to finalize the same designation of DEEP lands, map notes, and textual summary in the final ESA plan |

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

| Date | Commenter | Main Points |
|---|---|---|
| 4/11/2017 | Connecticut DPH | ▪ Acknowledged that all components in RCSA Section 25-33h-1(d)(B) have been included<br>▪ Requested corrections to town-owned water systems in Bolton on ESA Map 6<br>▪ Requested depicting a recently constructed TNC water system in Cromwell on ESA Map 13<br>▪ Requested that the Central WUCC continue to work with local officials |
| 4/17/2017 | Town of Mansfield | ▪ Noted that WWW was the more reasonable utility to serve Perkins Corner, and encouraged CWC and WWW to work together to meet any water needs in this area and to change ESA boundaries if necessary<br>▪ Suggested that additional UConn parcels or areas where no development is proposed remain unassigned, such as the Pink Ravine tract and the Fenton tract, instead of being shown as currently served areas<br>▪ Noted the development of a recent non-community water system (Toast Four Corners)<br>▪ Requested corrections to the location of non-community water systems such as in Perkins Corner<br>▪ Requested verification that DEEP lands are correctly identified and provided specific examples where state lands appear to be owned by Connecticut DOT or are not shown but appear to be owned by Connecticut DEEP |
| 4/18/2017 | Town of Bolton | ▪ Noted support for the ESA designations of the Town of Bolton and CWC<br>▪ Requested that proposed AWC ESA in Bolton be restricted to R-2, R-3, Industrial, and General Business zones along the Route 6 corridor<br>▪ Requested that the remainder of town, other than identified ESAs noted above, be unassigned due to low-density single-family residential uses, lack of business uses, and the town's goal as identified in its 2015 POCD of retaining its rural and community character |
| 4/18/2017 | Alison Hilding (Mansfield Resident) | ▪ Noted that WWW was the more reasonable utility to serve Perkins Corner<br>▪ Suggested that a larger WWW ESA in southern Mansfield may be appropriate given the value in having diverse water sources and also in light of the possibility of localized droughts<br>▪ Expressed concern regarding unfamiliarity of local elected officials in Mansfield with the ESA process<br>▪ Expressed concern regarding status of short-term and long-range planning for water use in Mansfield, particularly with a connection to land use planning |

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

| Date | Commenter | Main Points |
|---|---|---|
| 4/18/2017 | Rivers Alliance | ▪ Requested clarification of the limits of WUCC authority and DPH's role in overseeing the actions of the WUCCs, including in relation to the establishment of new public water systems<br>▪ Requested clarification of the process for DPH to remove an ESA holder |
| 4/19/2017 | University of Connecticut | ▪ Concurred with the depiction of UConn's water system and areas being left unassigned in Mansfield and Willington (ESA Maps 37 and 67)<br>▪ Concurred with the depiction that the UConn service area not have an ESA<br>▪ Requested clarifications to the text to reinforce UConn's continued authority to supply water from its existing system within its service area and that no delineated ESA is assigned to UConn's existing service territory |

# 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 Central 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 unserviced islands unless it can be demonstrated that there is not and will be no future need for public water service
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
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 ESA boundaries
bb. A reference list of ESA 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 Central WUCC has established preliminary ESA boundaries and then final ESA boundaries as outlined in this document based on the above requirements.

Note that in addition to the ESA boundaries from the former Southeast PWSMA, which were formally approved by Connecticut DPH with the associated coordinated water system plan, the Central WUCC has inherited the Final Recommended ESA boundaries established by the former South Central WUCC and former Upper Connecticut River WUCC. The previous Final Recommended ESA boundaries, as amended, have been carried forward by the Central WUCC herein for approval by DPH.

## 2.2 Summary of the Declaration Process

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

- The former Southeastern WUCC delineated ESA boundaries, leaving no areas unassigned, from December 1998 to March 2001
- The former South Central WUCC delineated ESA boundaries, leaving no areas unassigned, from March 1988 to June 1989
- 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 previously undefined areas of the Central 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 Southeastern WUCC, former South Central WUCC, and former Upper Connecticut River WUCC, respectively:

- *Coordinated Water System Plan – Part II: Final Recommended Exclusive Service Area Boundaries,* revised March 2001
- *South Central Connecticut Water Supply Management Area – Final Exclusive Service Areas (Part 2),* June 1989
- *Final Exclusive Service Areas – Upper Connecticut River Water Supply Management Area,* May 24, 1988

### 2.2.1 Former Southeastern Public Water Supply Management Area

Existing service area boundaries in the former Southeastern PWSMA were delineated as part of the *Final Water Supply Assessment* dated April 1999. A map of those boundaries was appended as Figure I 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 Southeastern PWSMA. Note that the former Southeastern PWSMA includes areas that are now part of the Eastern PWSMA and not the Central PWSMA.

**TABLE 2-1**
**Summary of Milestones in the Exclusive Service Area Delineation Process, 1998-2001**

| Date | Milestone |
|---|---|
| August 5, 1998 | Convening of the former Southeastern WUCC (initial meeting) |
| December 1998 | Notice to file ESA declarations issued |
| February 10, 1999 | Deadline for filing ESA declarations |
| March to July 1999 | Formal and informal discussions ongoing between conflicting ESA declarants |
| June/July 1999 | Five municipalities make late ESA declarations, with one additional municipal public water system expanding its initial claim |
| July 30, 1999 | ESA conflict areas in 12 municipalities referred to the Department of Public Utility Control (now PURA) |
| August 1999 | Preliminary ESA boundaries document issued for public comment |

**TABLE 2-1**
**Summary of Milestones in the Exclusive Service Area Delineation Process, 1998-2001**

| Date | Milestone |
|---|---|
| September to November 1999 | ESA conflict resolution presentations and voting procedure debated |
| October 1999 | Responses are drafted to public comment concerning the Preliminary ESA boundaries document |
| December 1999 | Schedule for ESA presentations and voting procedures adopted |
| January 2000 | Town of Lyme ESA is resolved – 11 municipalities remain in conflict |
| March 9, 2000 | Department of Public Utility Control (now PURA) provides ESA recommendations |
| April 4 and 6, 2000 | Southeastern WUCC utilizes ESA procedures, with all remaining conflicts resolved by vote |
| May 2000 | ESA mapping developed based on April meetings and voting results |
| June 2000 | Internal review of final ESA boundary document distributed to members |
| July 2000 | Final ESA boundary document submitted to DPH |
| December 2000 | Final ESA document revised and resubmitted to DPH |
| March 2001 | Final ESA document revised and resubmitted to DPH |
| 2001 to 2015 | ESA boundaries modified by the former Southeastern WUCC upon ESA holder request |

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

**TABLE 2-2**
**Former Southeastern PWSMA Exclusive Service Areas Inherited by Central PWSMA**

| Geographic Area | ESA Designation for Unserved Areas |
|---|---|
| East Haddam | Town of East Haddam with the exception of the area immediately surrounding the CWC Banner Village and CWC Lake Hayward systems to be served by CWC. |
| East Hampton | Town of East Hampton with the exception of two areas awarded to CWC. These include an expanded area surrounding the Baker Hill Division (generally the east shore of Lake Pocotopaug along Route 66) and a portion of land in northern East Hampton near its border with Portland, Glastonbury, and Marlborough. |
| Hebron | Connecticut Water Company |
| Lyme | Town of Lyme |
| Marlborough | Town of Marlborough |
| Old Lyme | Connecticut Water Company |

A request for existing ESA holders from the former Southeastern PWSMA to affirm their ESA boundaries was sent to those entities on October 19, 2016. The goal was to identify any areas that may need to be included in an ESA declaration process. CWC indicated by letter dated October 31, 2016, that it wished to relinquish its ESA in northern East Hampton. None of the other 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 Bethany 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 conflict |
| October 25, 1988 | Legal notice issued announcing availability of preliminary ESA boundaries for public review and comment; comments requested by November 28, 1988 |
| November 18, 1988 | DPH issues news release requesting public comment on preliminary ESA boundaries |
| December 13, 1988 | 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 |
| January 12, 1989 | WUCC votes to not accept the PURA recommendation 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 |

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 Central PWSMA for the current process.

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Bethany | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Branford | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Chester | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Clinton | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Cromwell | Cromwell Fire District, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Deep River | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Durham | Town of Durham for all unserved areas generally in the northern portion of Durham and CWC for all unserved areas generally in southern Durham. Other existing systems maintained ESA designation coterminous with their existing service area. No areas left unassigned. |
| East Haven | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Essex | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Guilford | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Haddam | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Hamden | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Killingworth | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Madison | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Meriden | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Middlefield | Town of Middlefield except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Middletown | City of Middletown, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Milford | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| New Haven | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| North Branford | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| North Haven | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Old Saybrook | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Orange | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Portland | Town of Portland, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Wallingford | Town of Wallingford, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Westbrook | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| West Haven | SCCRWA, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Woodbridge | SCCRWA, 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 19, 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, 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. |

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 Central PWSMA for the current process.

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Avon | Avon Water Company for unserved areas in Avon throughout all but the western portion of town, and CWC for the western portion of town, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Berlin | Berlin Water Control Commission for unserved areas in primarily eastern and central Berlin, Kensington Fire District for unserved areas in Kensington Fire District, City of New Britain near and around its existing service area in northern Berlin, and Worthington Fire District for unserved areas in Worthington Fire District. Outside of these areas, other existing systems maintained ESA designation coterminous with their existing service area. Remainder of town not served by public water systems left unassigned. |
| Bloomfield | MDC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Canton | CWC for all unserved areas in Canton, except the northeastern corner, and AWC in the northeastern corner, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| East Granby | CWC for eastern edge of town; MDC for northwest, north, central, east-central, and southern parts of town; and AWC for southwestern East Granby. Other existing systems maintained ESA designation coterminous with their existing service area. No areas left unassigned. |
| East Hartford | MDC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| East Windsor | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Ellington | CWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Enfield | CWC for all unserved areas in western and northern Enfield and the southeastern corner of Enfield; Hazardville Water Company for unserved areas in central, southern, and eastern Enfield, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Farmington | MDC for a portion of eastern Farmington, New Britain Water Department for much of southeastern Farmington, and CWC for unserved areas in all of central and western Farmington, except where other public water systems maintained an ESA coterminous with their existing service area. A small area in the southeastern portion of Farmington was left unassigned. |
| Glastonbury | MDC for most of Glastonbury with the exception of Manchester Water Department in north-central Glastonbury and except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Granby | AWC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Hartford | MDC, 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 Central PWSMA**

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Manchester | Manchester Water Department for all unserved areas in the town, except for a small area on the western border assigned to MDC and except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| New Britain | City of New Britain, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Newington | MDC for the majority of unserved areas in town with the exception of two areas in western Newington designated for New Britain Water Department and except where other public water systems maintained an ESA coterminous with their existing service area. Two areas on the western border were left unassigned. |
| Plainville | Valley Water Systems, Inc., except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Rocky Hill | MDC, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Simsbury | Avon Water Company for the south-central portion of Simsbury near its existing service area along the Avon town line and AWC for all remaining unserved areas in Simsbury, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Somers | CWC awarded ESA designation in northwestern, southwestern, central, southern, and southeastern Somers, and Hazardville Water Company awarded ESA designation in northern and western areas of Somers, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Southington | City of New Britain for a small area in northeastern Southington, and Town of Southington for nearly all remaining unserved areas, except where other public water systems maintained an ESA coterminous with their existing service area. Several areas along eastern and western borders left unassigned. |
| South Windsor | CWC awarded the ESA designation for the northern and eastern portions of town, and MDC awarded the ESA designation for essentially the southwestern quarter of town, except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| Suffield | CWC, except where other public water systems have an ESA coterminous with their existing service area. No areas left unassigned. |
| Vernon | CWC for nearly all unserved areas in Vernon, except for Manchester Water Department near its existing service area in southern Vernon and except where other public water systems maintained an ESA coterminous with their existing service area. No areas left unassigned. |
| West Hartford | MDC, except where other public water systems have an ESA coterminous with their existing service area. No areas left unassigned. |
| Wethersfield | MDC, except where other public water systems have an ESA coterminous with their existing service area. No areas left unassigned. |
| Windsor | MDC, except where other public water systems have an ESA coterminous with their existing service area. No areas left unassigned. |
| Windsor Locks | CWC for unserved areas in nearly all of Windsor Locks, except for a small area in the southwestern corner designated to MDC and 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 Upper Connecticut River PWSMA to affirm their ESA boundaries was sent to those entities on October 19, 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 Central Public Water Supply Management Area

Existing service area boundaries in the Central 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 2.2.3, as amended, were carried forward in the current process. Table 2-7 presents a summary listing of milestones in the ESA delineation process for the Central PWSMA.

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

| Date | Milestone |
|---|---|
| June 15, 2016 | Convening of the Central 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. |
| September 26, 2016 | Notification to Central WUCC members and interested parties announcing commencement of ESA process and general schedule |
| October 19, 2016 | Request to ESA holders to affirm their existing ESA boundaries |
| November 1, 2016 | Due date for ESA affirmations from existing ESA holders |
| November 18, 2016 | 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 Berlin Water Control Commission, CWC, Connecticut DEEP, Southington Water Department, Town of Tolland, University of Connecticut, Valley Water Systems, and Windham Water Works. The Avon Water Company, Town of Coventry, and Holiday Recreation Center submit a mapping clarifying their existing ESA boundaries consistent with their current system boundaries. Numerous conflicts identified. Declaration forms posted to the Central WUCC website. |
| December 15, 2016 | Town of Bolton submits ESA declaration form. Conflicts discussed at monthly WUCC meeting. The WUCC requests that conflicting declarants meet and come to mutually agreeable solutions. |
| December 19, 2016 | AWC submits ESA declaration form for Andover and northern East Hampton. |
| 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. |
| January 13, 2017 | AWC issues letter indicating that it withdraws its claims to lands owned by DEEP. |
| January 18, 2017 | At the January 2017 monthly WUCC meeting, the Central WUCC approves ESA procedures. It was noted that conflicts in Andover, Bolton, Columbia, Coventry, Mansfield, Southington, Stafford, and Willington were resolved and that conflicts in Tolland were working toward a solution. Conflicts in Berlin and Farmington were still unresolved as DEEP had deferred conflict resolution until February. |
| January 24, 2017 | CWC issues letter noting that they do not take exception to the claims made by Connecticut DEEP. |
| January 25, 2017 | CWC clarifies declarations for Stafford, Union, Willington, Coventry, and Bolton. |
| January 26, 2017 | University of Connecticut amends the map of parcels submitted for its proposed ESA. |

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

| Date | Milestone |
|---|---|
| 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 regard to the CPCN process. Central WUCC submits first draft Preliminary ESA document to Central WUCC members and consulting state agencies for initial review. |
| February 17, 2017 | CWC and UConn submit mapping clarifying their ESA claims in Mansfield. |
| February 21, 2017 | AWC submits claims for the otherwise unclaimed areas in Bolton and Columbia. |
| February 27, 2017 | CWC and the Tolland Water Department submit mapping clarifying their ESA claims in Tolland. CWC submits mapping further clarifying its ESA claim in Bolton. |
| March 6, 2017 | Central WUCC submits final draft Preliminary ESA document to Central WUCC members and consulting state agencies for consideration and approval to go out to public review at March 13, 2017, meeting. |
| March 13, 2017 | WUCC members are informed by DPH that UConn, as a state agency, cannot hold an ESA and will retain its current service area as its existing system, with no delineated ESA. The Central WUCC votes to publish the Preliminary Recommended Exclusive Service Area Boundaries document for a 30-day public review period, which began March 16, 2017. |
| April 19, 2017 | Public comments received on Preliminary Recommended ESA document are summarized at the Central WUCC meeting. The Town of Bolton requested changes to the AWC ESA claim in Bolton. Statement of Confirmation approved for distribution. Public comments due on Preliminary Recommended ESA document by end of day. |
| April 27, 2017 | Town of Bolton requests that CWC hold the ESA for certain areas along the Route 6 corridor and that AWC retract its claims due to the town's desire to work with a single utility. |
| May 1, 2017 | AWC retracts its ESA claims in Bolton. All conflicts are resolved. |
| May 15, 2017 | Letter from WUCC co-chair transmits to each ESA holder a Statement of Confirmation for signature by June 2, 2017, along with associated ESA maps. Central WUCC submits first draft of the Final Recommended ESA document to Central WUCC members for initial review. |
| May 17, 2017 | WUCC member comments on Preliminary Recommended ESA document summarized at Central WUCC meeting along with changes to the document reflective of WUCC member comments. |
| May 19, 2017 | Central WUCC submits final draft of Final Recommended ESA document to Central WUCC members for final review and consideration at the June 14, 2017, Central WUCC meeting. Final Recommended ESA Boundaries are approved by the Central WUCC in all communities, except for those few with boundaries already approved by DPH. |
| June 14, 2017 | Final Recommended Exclusive Service Area document approved by Central WUCC for submission to Connecticut DPH. |

Work began on the ESA process in September 2016. Notice of the initiation of the Preliminary ESA declaration process was provided by the Central WUCC via electronic letter on September 20, 2016. The Central WUCC also sent a letter to existing ESA holders in the Central WUCC on October 19, 2016. Copies of both of these notifications are included in Appendix A. The October 2016 letter asked each ESA holder to affirm their interest in maintaining their existing ESA boundaries and requested a response by November 1, 2016. The goal of the letter was to identify any additional areas that may

need to be included in the ESA declaration process. As noted above, only CWC relinquished a portion of its ESA, namely, an area in northern East Hampton. 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 16, 2016, WUCC meeting and submitted electronically to Central WUCC members and interested parties on November 18, 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 Central WUCC website[1]. As declarants met to resolve conflicts, several declarants amended or clarified their ESA declaration and submitted letters or revised forms with the changes. All conflicts were resolved by the February 15, 2017, WUCC meeting subject to submission of mapping clarifying boundaries. Therefore, there were no conflicts that needed to be referred to PURA for recommendations. A subsequent declaration was filed by AWC, creating a conflict between AWC and the Town of Bolton. The claim was later withdrawn in favor of expanded CWC ESA, thus resolving all conflicts by May 1, 2017.

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 Central WUCC voted at the February 15, 2017, meeting to leave DEEP lands off the individual ESA mapping but to indicate within the text of the document that DEEP lands may have a different status. However, such lands are depicted for reference on Appended Figures 1 and 2 at the end of this document.

DPH concurred with DEEP that state agencies do not meet the definition of public water systems under the WUCC statute and therefore cannot be WUCC members or be an ESA holder. By the same logic, UConn as a state entity cannot hold an ESA. Therefore, UConn will retain its current service area at its Main and Depot campuses as an existing system denoted as a "State Agency Existing Service Area."

The Preliminary ESA document was approved for public review and comment at the March 13, 2017, Central WUCC meeting. The Preliminary ESA document was issued for public comment on March 16, 2017, with comments accepted through April 19, 2017. Mapping was prepared for each municipality within the Central PWSMA depicting where preliminary ESA boundaries were being assigned, where approved ESA boundaries were being carried forward from the former WUCC processes, and the location of existing small community and non-community water systems. Following the public comment period, the Central WUCC voted to recognize the preliminary ESA boundaries as final recommended ESA boundaries.

[1] http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576506

As part of this process, all existing public water systems[2] (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.

Note that ESA boundaries for small public water systems although these 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 Central PWSMA along with the previously approved boundaries inherited from the former WUCC processes. Note that the ESA boundary for Windham Water Works includes areas in Windham that have been coordinated with the Eastern WUCC.

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

| Geographic Area | ESA Holders for Unserved Areas |
|---|---|
| Andover | AWC for all unserved areas in Andover |
| Avon | Avon Water Company throughout all but the western portion of town and CWC for the western portion of town |
| Berlin | Berlin Water Control Commission for areas in eastern, southern, and western Berlin; Kensington Fire District for areas in Kensington Fire District; City of New Britain (New Britain Water Department) near and around its existing service area in northern Berlin; and Worthington Fire District for areas in Worthington Fire District |
| Bethany | SCCRWA |
| Bloomfield | MDC |
| Bolton | Town of Bolton for selected town-owned parcels. CWC for areas north of Route 44 and within 200 feet of the south side of Route 44 and for certain areas along Route 6. Remainder of town unassigned |
| Branford | SCCRWA |
| Canton | CWC for all except the northeastern corner and AWC in the northeastern corner of town |
| Chester | CWC |
| Clinton | CWC |
| Columbia | CWC for the area currently served by its Columbia Heights system. AWC for the remainder of town. |
| Coventry | Town of Coventry for town-owned parcels with existing water systems. CWC for the remainder of Coventry. |
| Cromwell | Cromwell Fire District |

[2] Such as the Holiday Recreation Center (a TNC system in Mansfield) that submitted an ESA declaration form for its parcel.

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

| Geographic Area | ESA Holders for Unserved Areas |
|---|---|
| Deep River | CWC |
| Durham | Town of Durham for all areas generally in the northern portion of Durham and CWC for all areas generally in southern Durham |
| East Granby | CWC for eastern edge of town; MDC for northwest, north, central, east-central, and southern parts of town; and AWC for southwestern East Granby |
| East Haddam* | Town of East Haddam with the exception of the area immediately surrounding the CWC Banner Village and CWC Lake Hayward systems to be served by CWC |
| East Hampton | Town of East Hampton (WPCA) for entire town* with the exception of an area east of Lake Pocotopaug near the CWC Baker Hill Division assigned to CWC* and AWC for the northernmost area in East Hampton |
| East Hartford | MDC |
| East Haven | SCCRWA |
| East Windsor | CWC |
| Ellington | CWC |
| Enfield | CWC in western and northern Enfield and the southeastern corner of Enfield; Hazardville Water Company in central, southern, and eastern Enfield |
| Essex | CWC |
| Farmington | MDC for a portion of eastern Farmington, City of New Britain (New Britain Water Department) for much of southeastern Farmington, CWC in all of central and western Farmington, and Valley Water Systems for a small area in southeastern Farmington |
| Glastonbury | MDC for most of Glastonbury with the exception of the Town of Manchester (Manchester Water Department) in north-central Glastonbury |
| Granby | AWC |
| Guilford | CWC |
| Haddam | CWC |
| Hamden | SCCRWA |
| Hartford | MDC |
| Hebron* | CWC |
| Killingworth | CWC |
| Lyme* | CWC |
| Madison | CWC |
| Manchester | Town of Manchester (Manchester Water Department) for all areas, except for a small area on the western border assigned to MDC |
| Mansfield | Windham Water Works for a specific area near its existing system in southern Mansfield. CWC for the remaining area within the Town of Mansfield. The University of Connecticut will retain its existing service area designation for its Main and Depot campus areas, with no underlying ESA, and agricultural land that is not contiguous with the existing service area at the Main and Depot campuses will remain unassigned. |
| Marlborough* | Town of Marlborough |
| Meriden | Meriden Water Division |
| Middlefield | Town of Middlefield |
| Middletown | City of Middletown (Middletown Water Department) |
| Milford | SCCRWA |
| New Britain | City of New Britain (New Britain Water Department) |
| New Haven | SCCRWA |

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

| Geographic Area | ESA Holders for Unserved Areas |
|---|---|
| Newington | MDC for the majority of town with the exception of two areas in western Newington designated for the City of New Britain (New Britain Water Department). Two areas on the western border were left unassigned. |
| North Branford | SCCRWA |
| North Haven | SCCRWA |
| Old Lyme* | CWC |
| Old Saybrook | CWC |
| Orange | SCCRWA |
| Plainville | Valley Water Systems |
| Portland | Town of Portland (Portland Water Department) |
| Rocky Hill | MDC |
| Simsbury | Avon Water Company for the south-central portion of Simsbury near its existing service area along the Avon boundary and AWC for the remainder of town |
| Somers | CWC for the northwestern, southwestern, central, southern, and southeastern parts of town, and Hazardville Water Company for the northern and western parts of town |
| Southington | Town of Southington (Southington Water Department) for all of the town except a small area in northeastern Southington previously assigned to the City of New Britain (New Britain Water Department) near Caretaker Road |
| South Windsor | CWC for the northern and eastern portions of town, and MDC for essentially the southwestern quarter of town |
| Stafford | CWC for all unserved areas in Stafford |
| Suffield | CWC |
| Tolland | CWC for areas in the northwestern portion of town, and the Town of Tolland (Tolland Water Department) for the remainder of Tolland. |
| Vernon | CWC for nearly all of town, except for a small area assigned to the Town of Manchester (Manchester Water Department) in southern Vernon |
| Wallingford | Town of Wallingford (Wallingford Water Division) |
| Westbrook | CWC |
| West Hartford | MDC |
| West Haven | SCCRWA |
| Wethersfield | MDC |
| Willington | CWC, except for an area of state land in southern Willington, which will remain unassigned |
| Windsor | MDC |
| Windsor Locks | CWC for most of town, except for a small area in the southeastern corner designated to MDC |
| Woodbridge | SCCRWA |

*Denotes ESA boundaries approved by DPH that were inherited from former Southeastern WUCC

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 Central WUCC to be the same ESA. Boundary modifications will be addressed by the Central WUCC as necessary. Such modifications will become amendments to this document and posted to the Central 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 Southeastern 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 a service provider 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 agreed with the WUCC recommendation.

A similar process was followed by the Central WUCC. Customized maps were developed to meet the mapping requirements specified in the regulations, Central 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 and approved ESA holders for unserved areas in the Central 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 19, 2017, Central 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 Central WUCC will follow the procedures in the Central WUCC Work Plan and submit an addendum to DPH requesting approval of the change.

## 2.4 Undesignated Service Areas

Several areas in the Central PWSMA were left unassigned as part of this process. In general, these areas were left unassigned because there was no declarant. Areas intentionally being left unassigned by the Central WUCC within the Central PWSMA are summarized below.

- Bolton – Except for the Route 6 and Route 44 corridors in the northern portion of Bolton and numerous town-owned parcels associated with municipal uses, the majority of Bolton will remain unassigned. Land use zoning and the town's Plan of Conservation and Development support low-density development that is unlikely to require public water service in the future.

- Mansfield – The University of Connecticut will retain its current service area at its Main and Depot campuses as an existing system denoted as a "State Agency Existing Service Area." Several state-owned agricultural and conservation parcels in Mansfield were requested by the University of Connecticut and/or the Town of Mansfield to remain unassigned as well as the southern terminus of the Moss Tract in northern Mansfield. CWC refined its ESA declaration to comply with this request.

- Newington – Two areas along the western boundary were originally left unassigned by the former Upper Connecticut River WUCC and will remain unassigned.

- The southern area is primarily developed with parking lots storing cars for the Copart auto auction facility. If this area was redeveloped in the future, it could be served by either New Britain Water Department or Berlin Water Control Commission as both utilities have adjacent water mains along Christian Lane.

- The northern area is unlikely to be developed as it is largely isolated by Route 9, Cedar Street, and a railroad line. Much of the area is low-lying wetlands. If necessary, both New Britain Water Department and MDC provide service along Cedar Street adjacent to the area.

- Willington – The parcels associated with the Moss Tract were requested by the University of Connecticut to remain unassigned. CWC refined its ESA declaration to comply with this request.

In addition, some islands in Long Island Sound will remain unassigned such as islands off the coast of Westbrook. Public water supply is not anticipated to be necessary 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 12 municipalities in the Central PWSMA where ESA boundaries were 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 that 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 Central 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 Central WUCC consider existing water service areas in determining ESA boundaries. These are briefly described below for each declarant:

- AWC does not currently provide public water service in Andover or Columbia but does provide water service in East Hampton (outside of the proposed ESA) as well as in 50 other municipalities in Connecticut. Expansion of systems to serve the proposed ESAs is not anticipated.

- The Town of Berlin (Berlin Water Control Commission) currently provides public water service to central, southeastern, and northeastern Berlin. Expansion of this system to serve the proposed ESA in southwestern and western Berlin is not proposed at this time.

- The Town of Bolton currently provides public water service to its Town Hall, Center School, and High School within its proposed ESA. Expansion of these systems is not proposed at this time, and only current town facilities will be part of the proposed ESA.

- CWC currently provides public water service to each of the municipalities where its proposed ESAs are located. CWC plans to expand its existing service areas to meet development and utility needs in these communities over the 5-, 20-, and 50-year planning periods. CWC expects that service will

be provided in its proposed ESAs via expansion of existing systems as well as through non-interconnected satellite systems.

- The Town of Coventry currently provides public water service to nine facilities: Grammar School, Nathan Hale School, Robertson School, High School, Town Hall, Board of Education, Housing Authority, Community Center, and Senior Center. The proposed ESA includes the associated town properties. Expansion of the associated systems to serve non-town parcels is not anticipated.

- The Town of Southington (Southington Water Department) currently provides public water service throughout nearly all of Southington. The proposed ESA includes currently largely unserved areas on the edges of Southington where there are no immediate plans for system expansion.

- The Town of Tolland (Tolland Water Department) currently provides public water service within its proposed ESA primarily in eastern and southeastern Tolland. The town expects that service will be provided in its proposed ESA via expansion of its existing system or by satellite systems as necessary, particularly in the vicinity of the Skungamaug System and in the vicinity of Route 195.

- Valley Water Systems does not currently provide public water service to its proposed ESA in Farmington but does provide service generally nearby in northeastern Plainville and southeastern Farmington. Expansion of the system to service the proposed ESA is not proposed at this time.

- WWW, operated by the Town of Windham and overseen by the Windham Water Commission, operates a large public water system that serves much of Windham and southern Mansfield. WWW is not interested in owning new non-community water systems unless they are for municipal properties.

### 2.5.2 Land Use Plans, Zoning Regulations, and Growth Trends

RCSA 25-33h-1(d)(B)(ii)(bb) requires that the Central WUCC consider land use plans, zoning regulations, and growth trends in determining ESA boundaries. The ESA declaration form used by the Central 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 asserts 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 these municipalities suggest that new public water systems may not be necessary in its proposed ESAs in Andover, Columbia, and East Hampton, and the company indicates that it is not aware of any public water and/or sewer avoidance policies being sought in these communities. AWC has a *Water Supply Plan* on file with Connecticut DPH and will discuss potential service to these two communities in its next plan update.

- The Town of Berlin (Berlin Water Control Commission) asserts that it is familiar with its local plans and regulations. Various town departments and commissions are in charge of reviewing and

enforcing local plans and regulations. Expansion of public water service is believed to be necessary in the future although certain areas are designated as sewer avoidance areas at this time. The Town of Berlin has a *Water Supply Plan* on file with Connecticut DPH and will discuss potential service to its expanded ESA in its next plan update.

- The Town of Bolton asserts that it is familiar with its local plans and regulations. Various town departments and commissions as well as the Eastern Highlands Health District are in charge of reviewing and enforcing local plans and regulations. Expansion of public water service is not believed to be necessary although water and sewer avoidance policies are not being sought at this time.

- 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 plan update, which likely are proposed to be served via satellite water systems.

- The Town of Coventry asserts that it is familiar with its local plans and regulations as well as regional and state land use plans and local growth trends. Various town departments and commissions as well as the Eastern Highlands Health District and the Board of Education are in charge of reviewing and enforcing local plans and regulations. Expansion of public water service for the town parcels is not believed to be necessary. Town of Coventry staff indicate that they are aware of the water supply planning regulations but note that DPH has not requested the town to submit a *Water Supply Plan* to date.

- The Southington Water Department asserts that it is familiar with local, regional, and state plans and local zoning regulations. The department consults with the town's Planning and Zoning, Engineering, and Town Manager's office on these issues as well as for growth trends and water service needs within the municipality. The superintendent is responsible for reviewing local, regional, and state land use plans as well as local zoning regulations with consultation from town staff although enforcement of these items is generally outside of the purview of the Water Department. Existing trends do not suggest that significant expansion of public water service will be necessary, and the Water Department is not aware of any public water service avoidance policies being sought in Southington. The Southington Water Department has a *Water Supply Plan* on file with Connecticut DPH, and the proposed ESA is generally consistent with the planned future service area. The department notes that it retains consultants to perform the analyses required for the *Water Supply Plan*.

- The Town of Tolland (Tolland Water Department) asserts that it is familiar with its local plans and regulations. The department and Water Commission consult with the town planner regarding local, regional, and statewide planning, and the Commission reviews Planning & Zoning Commission agendas. Planning & Zoning Commission meetings are attended as needed. Expansion of public

water service is not believed to be necessary immediately but is anticipated to be needed in the future. The Tolland Water Department has a *Water Supply Plan* on file with Connecticut DPH and will discuss potential service to its proposed ESA in its next plan update.

- Valley Water Systems, Inc. asserts that it is familiar with local plans and regulations in Farmington and that it tracks existing and projected populations as part of its water supply planning process. The president is responsible for reviewing plans and regulations while enforcement is left to the local municipality. Expansion of public water service to the proposed ESA is not believed to be necessary at this time, and to the knowledge of the company, public water avoidance policies are not actively being sought in the proposed ESA. Valley Water Systems, Inc. has a *Water Supply Plan* on file with Connecticut DPH, and potential service to its ESA area will be discussed in its next plan update.

- WWW asserts that it is familiar with local, regional, and state plans. Enforcement of plans and zoning in Mansfield is the responsibility of municipal officials. The local POCD does not indicate a need for extension of water service at this time. WWW indicates that it does not have any current plans to expand its system and will review development proposals on a case-by-case basis to determine if extension of service is warranted. WWW 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 Central 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 within its proposed ESA in Andover, Columbia, and northern East Hampton will be provided through satellite systems constructed through the CPCN process. AWC indicates that it is not aware of areas in its proposed ESA where bedrock yields are poor or groundwater contamination has affected groundwater quality.

- The Town of Berlin (Berlin Water Control Commission) indicates that new public water service within its proposed ESA will be provided through a combination of either purchasing water from other utilities, satellite management, or expansion of the existing distribution system dependent upon the most cost-effective option. The Town of Berlin currently has agreements with several nearby utilities to purchase water, which it intends to continue in order to ensure a satisfactory margin of safety. The Town of Berlin is not aware of any specific contamination issues or private well issues in its proposed ESA as the area has been primarily agricultural.

- The Town of Bolton 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.

- 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 Town of Coventry 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.

- The Town of Southington (Southington Water Department) is not expecting to expand into the proposed ESA at this time. If water service is necessary to a currently unserved area, the system will be expanded, and new wells will be installed if necessary. Satellite systems are not believed to be necessary. The town is not aware of any contaminated areas within the proposed ESA.

- The Town of Tolland (Tolland Water Department) anticipates that future problems with on-site sewage disposal systems and/or wells may lead to people requesting public water service. It is not known if expansion of the water system will require new wells or other components at this time. The town does not believe that satellite systems are necessary at this time. The town is aware of certain areas where wells have high levels of salt, insufficient supply, and other water quality issues.

- Valley Water Systems, Inc. indicates that its existing supply sources will be sufficient to provide water service in its proposed ESA. Satellite systems are not proposed.

- WWW plans to expand its existing service area as feasible to respond to town needs. Extensions of its existing system are preferred, and satellite systems are not anticipated in Mansfield. If significant expansion is necessary, it is possible that an increased diversion permit and/or plant upgrades would be necessary.

### 2.5.4 Political Boundaries

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

- AWC notes that its proposed ESA designation does not cross municipal boundaries and that it does not intend for any future systems in its proposed ESAs in Andover, Columbia, and northern East Hampton to cross political boundaries.

- The Town of Berlin (Berlin Water Control Commission) notes that its proposed ESA is entirely within Berlin. Some of the town's water is purchased from sources outside of town, and this will likely continue in the future.

- The Town of Bolton notes that its proposed ESA is entirely within Bolton 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 Town of Coventry notes that its proposed ESA is entirely within Coventry and intends for any supply sources to not come from across municipal boundaries.

- The Town of Southington (Southington Water Department) notes that its existing service area is partially served with water derived from out-of-town reservoirs.

- The Town of Tolland notes that its proposed ESA is entirely within Tolland and that some of its water supply is purchased from CWC and, therefore, imported into Tolland while the town also sells water to CWC in Willington.

- Valley Water Systems, Inc. notes that its proposed ESA in Farmington would be an extension of its existing ESA in Plainville. The source of water will continue to be the company's existing sources in Plainville.

- WWW notes that its proposed ESA in Mansfield crosses into Windham and that its water source and treatment plant are in Mansfield although its primary service area is in Windham. In addition, the source water area for WWW is a 162-square-mile area covering all or parts of 10 Connecticut municipalities as well as a small portion of Massachusetts.

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 boundary is specific to the service area such that new sources can be developed by an ESA holder outside of its ESA.

### 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 Central 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 does not have any special acts authorizing it to provide service in Andover, Columbia, or northern East Hampton 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 Berlin (Berlin Water Control Commission) is authorized to provide public water service by state statute and town charter as outlined in Section 1.3.

- The Town of Bolton 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 Town of Coventry is authorized to provide public water service by state statute as outlined in Section 1.3.

- The Town of Southington (Southington Water Department) is authorized to provide water service by state statute and a variety of special acts as outlined in Section 1.3.

- The Town of Tolland is authorized to provide public water service by state statute and town code as outlined in Section 1.3.

- Valley Water Systems, Inc. does not have any special acts authorizing it to provide water service to Farmington. Expansion of the system to serve its proposed ESA in Farmington may have to be authorized through the CPCN process if the number of new services meets the regulatory threshold (q.v. Section 3.3).

- WWW does not have any special acts authorizing it to provide water service to Mansfield although the Consolidation Ordinance of the Town of Windham and the City of Willimantic authorizes service to Mansfield.

### 2.5.6 System Hydraulics, including Potential Elevations or Pressure Zones

RCSA 25-33h-1(d)(B)(ii)(ff) requires that the Central 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.

- The Town of Berlin (Berlin Water Control Commission) notes that expansion of its public water system(s) throughout its proposed ESA may require additional infrastructure although no engineering analysis has been done at this time. The town notes that it has experience with its existing system; the existing system operates at a high pressure gradient, and the town is considering upgrades to improve source compatibility, which will foster interconnections with surrounding municipalities. Disinfection byproducts are typically low and well within current standards and are not believed to be a potential impediment to system expansion.

- The Town of Bolton notes that it has experience operating small non-community systems and that expansion of such systems is not anticipated. Town properties without existing water service would be served via new systems created through the CPCN process.

- 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 Town of Coventry notes that it has experience operating small non-community systems and that expansion of such systems is not anticipated.

- The Town of Southington (Southington Water Department) notes that pumping stations may be needed to serve portions of its proposed ESA. The district has many decades of experience operating its existing pumping stations and three pressure zones and utilizes a hydraulic model to analyze system performance and potential system expansions. The town does not anticipate any issues with disinfection byproducts if service is expanded within the proposed ESA.

- The Town of Tolland (Tolland Water Department) notes it has many decades of experience operating its existing pumping stations and pressure zones. The town does not anticipate any issues with disinfection byproducts if service is expanded within the proposed ESA using water purchased from CWC.

- Valley Water Service, Inc. indicates that the proposed ESA in Farmington is within the hydraulic service area of one of its storage tanks, and additional storage tanks and pumping stations will not be necessary. The company has experience owning and operating its large stem, which has four pressure zones including a zone served by a hydropnuematic system. Disinfection byproducts are not a concern for the company.

- WWW has been in existence since 1879, and employees have significant experience operating the system. WWW also relies on the Windham Town Engineer to assist when needed. WWW does not believe that extension of the system is necessary at this time but that storage upgrades and in-line chlorination may be necessary as part of future expansion efforts.

### 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 Central 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 Berlin (Berlin Water Control Commission)**

The town and its certified operators have extensive experience operating the existing town system. The town does not currently operate any satellite systems. The Berlin Water Control Commission operates independently as its own enterprise. The town provides the structure for managerial and financial oversight, and certain activities must be approved by the Town Council. Capital funding for emergency repairs is available as well as a capital improvement budget for long-term asset replacement. Additional financing is also available to retain consultants and contractors to design and implement repairs.

The Town of Berlin currently owns property surrounding its wells and has completed Level A mapping. Complaints are received during water main breaks and during annual hydrant flushing. The town received a recent monitoring violation for not sampling wells that were taken out of service.

**Town of Bolton**

The Town of Bolton currently relies on its zoning to protect water sources. Development is tightly controlled by Zoning and Wetlands Regulations. The town indicates that it has managed its four existing systems for many years without substantive issues and that it retains a contract operator for technical capacity. The town acts as quickly as possible to respond to emergency situations. Financial capacity is provided through operational funds allocated in the town budget, and capital funding is requested as needed. There have been no water quality complaints or water quality or reporting violations over the past few years.

**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 an 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 2 years, CWC incurred five water quality violations and one reporting violation for the systems in its proposed ESA designation in the Central PWSMA.

**Town of Coventry**

The Town of Coventry asserts that it complies with all applicable DPH drinking water requirements. The town indicates that it has managed its existing systems for many years without substantive issues and that it retains a contract operator and testing services for technical capacity. The town serves as 24-7

manager for numerous facilities, with managerial oversight provided by the Town Manager, Director of Public Works, and Emergency Services Coordinator who also serve as the lead staff capable of rendering quick and appropriate decisions during an emergency situation. Financial capacity is provided through operational funds allocated in the town budget and the annual capital improvement budget to address significant expenditures. The town also maintains a fund balance of 10% of its operations budget to cover emergency situations. There have been no water quality complaints or water quality or reporting violations over the past few years.

**Town of Southington (Southington Water Department)**

The Southington Water Department has extensive experience operating its large system for over 100 years but no experience with small satellite systems. Technical capacity is provided by experienced, certified operators with assistance from consulting engineers. Managerial capacity is provided through oversight by the superintendent skilled in capital planning, financial planning, and rate setting as well as supervisory staff who are all overseen by a six-person elected board. Financial capacity is provided through the 15-year capital improvement planning and budgeting, cash on hand, low interest state loans, and access to municipal bonding.

The Southington Water Department relies on the local Aquifer Protection Agency to protect groundwater near its wells. The department notes that it seasonally receives customer complaints about taste and odor, as well as water quality and pressure complaints during main breaks, and that it has had one monitoring and reporting violation over the past 2 years for performing an analysis during the incorrect month.

**Town of Tolland (Tolland Water Department)**

The Tolland Water Department has extensive experience operating its large system for over 30 years, beginning with a relatively small system in the 1980s. Technical capacity is provided by experienced, contracted, certified operators from Connecticut Water Company. Managerial capacity is provided through oversight by the Water Commission, with assistance from the town, who provide budgeting and capital planning and perform water supply planning, infrastructure planning, facility condition review, and capital efficiency planning. Water Commission members and town staff are available to provide guidance to CWC response to emergencies. Financial capacity is provided, operating the water system as an independent enterprise fund with separate cash funds and reserves, the ability to set water rates, and access to municipal bonding. The Water Commission retains sufficient cash on hand to retain consultants and contractors as necessary and expects that this will continue.

The Town of Tolland owns 29.6 acres at it River Park wellfield and has completed Level A Aquifer Protection Area mapping. The town relies on the local aquifer protection agency to protect groundwater near its wells and recently purchased a large undeveloped property immediately upstream to further protect the aquifer for the wells. The town notes that it receives approximately two to three complaints each quarter regarding turbidity and that it has had water quality violation over the past 2 years.

**Valley Water Systems, Inc.**

Valley Water Systems, Inc. has extensive experience operating its large system for over a century but no experience with small satellite systems. Technical capacity is provided by experienced, certified

operators. Managerial capacity is provided through oversight by the Board of Directors and more directly through the president and supervisory staff who are trained in the company's emergency contingency plan and can respond immediately to emergencies. Financial capacity is provided through a capital improvement program, which is updated continuously along with operating capital.

Valley Water Systems, Inc. has completed Level A Aquifer Protection Area mapping for its wellfields and relies on the local aquifer protection agencies in Plainville and Farmington to protect groundwater near its wells. The company has procedures in place for source water protection, and the response to contamination events is included in its emergency contingency plan. The company did not provide any information regarding recent complaints but noted that it has not had any violations over the past 2 years.

**Windham Water Works**

WWW has been owned and operated by the town and its predecessors for over a century, and WWW has operators on staff to provide day-to-day operations and maintenance. WWW also currently provides contract operation for a community water system in Chaplin and, therefore, has experience in small system operation. Managerial capacity is provided by the Superintendent, Assistant Superintendent, Office Manager, Service Operations Clerk, and the seven-member Water Commission. Financial capacity is provided through an annual capital improvement plan, its operations budget, and access to municipal fiscal resources and financing.

WWW has an active watershed program that includes all or part of 10 towns and notification procedures under Public Act 89-301 as described in more detail in the *Final Water Supply Assessment* dated December 2016. Recent water quality complaints have been related to discolored water concurrent with the semiannual flushing program. WWW is not aware of any water quality violations over the past 2 years.

## 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 Central 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.

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.

**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 |
|---|---|---|---|
| Andover | Aquarion Water Company | $774.45 | AWC Website – Eastern Division Rates |
| Avon | Avon Water Company | $638.14 | 2013 Tighe & Bond Survey |
| | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| | Connecticut Water Company | $587.35 | CWC Website – Unionville Div. Rates |
| Berlin | Berlin Water Control Comm. | $496.71 | OLR Report 2015-R-0295[3] |
| | Kensington Fire District | $487.96 | OLR Report 2015-R-0295[3] |
| | New Britain Water Dept. | $488.40 | OLR Report 2015-R-0295[3] |
| | Worthington Fire District | $443.04 | OLR Report 2015-R-0295[3] |
| Bethany | SCCRWA | $806.76 | SCCRWA Website |
| Bloomfield | Metropolitan District Comm. | $585.23 | MDC Website – Member Town Rates |
| Bolton | Town of Bolton | - | Does not sell water |
| | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| | Unassigned | - | - |
| Branford | SCCRWA | $806.76 | SCCRWA Website |
| Canton | Aquarion Water Company | $774.45 | AWC Website – Eastern Division Rates |
| | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Chester | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Clinton | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Columbia | Aquarion Water Company | $774.45 | AWC Website – Eastern Division Rates |
| | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| | Unassigned | - | - |
| Coventry | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| | Connecticut Water Company | $1,082.24 | CWC Website – Mansfield (Pilgrim Hills) |
| | Connecticut Water Company | $1,128.26 | CWC Website – South Coventry Rates |
| | Town of Coventry | - | Does not sell water |
| Cromwell | Cromwell Fire District | $634.31 | Cromwell Fire District Website |
| Deep River | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Durham | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| | Town of Durham | $948.90 | Town of Durham Rates |
| East Granby | Aquarion Water Company | $513.02 | AWC Website – Northern Division Rates |
| | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| | Metropolitan District Comm. | $764.99 | MDC Website – East Granby Rates |
| East Haddam | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| | Town of East Haddam | - | Existing residential system at flat rate |
| East Hampton | Aquarion Water Company | $774.45 | AWC Website – Southern Division Rates |
| | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| | East Hampton WPCA | $731.73 | 2013 Tighe & Bond Survey |
| East Hartford | Metropolitan District Comm. | $585.23 | MDC Website – Member Town Rates |
| East Haven | SCCRWA | $806.76 | SCCRWA Website |

[3] Fitzpatrick, M., 2015, "Water Rates in Berlin and Surrounding Towns," Office of Legislative Research Report 2015-R-0295, December 16, 2015

**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 |
|---|---|---|---|
| East Windsor | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Ellington | Connecticut Water Company<br>Connecticut Water Company | $990.04<br>$589.87 | CWC Website – CT Water Division Rates<br>CWC Website – Ellington Acres Rates |
| Enfield | Connecticut Water Company<br>Hazardville Water Company | $990.04<br>$590.34 | CWC Website – CT Water Division Rates<br>Hazardville Water Company Website |
| Essex | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Farmington | Avon Water Company<br>Connecticut Water Company<br>Metropolitan District Comm.<br>New Britain Water Dept.<br>Valley Water Systems, Inc. | $638.14<br>$587.35<br>$767.15<br>$488.40<br>$532.04 | 2013 Tighe & Bond Survey<br>CWC Website – Unionville Div. Rates<br>MDC Website – Farmington Rates<br>OLR Report 2015-R-0295[3]<br>Valley Water Systems Website |
| Glastonbury | Manchester Water Dept.<br>Metropolitan District Comm. | $502.09<br>$782.27 | Manchester Water Department Website<br>MDC Website – Glastonbury Rates |
| Granby | Aquarion Water Company | $513.02 | AWC Website – Northern Division Rates |
| Guilford | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Haddam | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| Hamden | SCCRWA | $806.76 | SCCRWA Website |
| Hartford | Metropolitan District Comm. | $585.23 | MDC Website – Member Towns |
| Hebron | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| Killingworth | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| Lyme | Town of Lyme | - | Does not sell water |
| Madison | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Manchester | Manchester Water Dept.<br>Metropolitan District Comm. | $502.09<br>$764.99 | Manchester Water Department Website<br>MDC Website – Non-Member Towns |
| Mansfield | Connecticut Water Company<br>Connecticut Water Company<br>Windham Water Works | $943.25<br>$546.46<br>$402.98 | CWC Website – Mansfield Division Rates<br>CWC Website – Storrs Division Rates<br>ESA Declaration Form |
| Marlborough | Town of Marlborough | $1,111.75 | Rules and Regulations for Water System |
| Meriden | Meriden Water Division | $624.48 | OLR Report 2015-R-0295[3] |
| Middlefield | Town of Middlefield | - | Does not sell water |
| Middletown | Middletown Water Dept. | $467.03 | Middletown Water Dept. Website |
| Milford | SCCRWA | $806.76 | SCCRWA Website |
| New Britain | New Britain Water Dept. | $456.40 | OLR Report 2015-R-0295[3] |
| New Haven | SCCRWA | $806.76 | SCCRWA Website |
| Newington | Metropolitan District Comm.<br>New Britain Water Dept.<br>Unassigned | $585.23<br>$488.40<br>- | MDC Website – Member Towns<br>OLR Report 2015-R-0295[3]<br>- |
| North Branford | SCCRWA | $806.76 | SCCRWA Website |
| North Haven | SCCRWA | $806.76 | SCCRWA Website |
| Old Lyme | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Old Saybrook | Connecticut Water Company | $990.04 | CWC Website – CT Water Division 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 |
|---|---|---|---|
| Orange | SCCRWA | $806.76 | SCCRWA Website |
| Plainville | Valley Water Systems, Inc. | $532.04 | Valley Water Systems Website |
| Portland | Portland Water Department | $627.96 | 2013 Tighe & Bond Survey |
| Rocky Hill | Metropolitan District Comm. | $585.23 | MDC Website – Member Towns |
| Simsbury | Aquarion Water Company<br>Avon Water Company | $513.02<br>$638.14 | AWC Website – Northern Division Rates<br>2013 Tighe & Bond Survey |
| Somers | Connecticut Water Company<br>Hazardville Water Company<br>Hazardville Water Company | $990.04<br>$590.34<br>$919.09 | CWC Website – CT Water Division Rates<br>Hazardville Water Company Website<br>Hazardville Water Company – Rye Hill |
| South Windsor | Connecticut Water Company<br>Metropolitan District Comm. | $990.04<br>$768.71 | CWC Website – CT Water Division Rates<br>MDC Website – South Windsor Rates |
| Southington | Southington Water Dept. | $520.75 | OLR Report 2015-R-0295[3] |
| Stafford | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Suffield | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Tolland | Connecticut Water Company<br>Tolland Water Department (Main System)<br>Tolland Water Department (Skungamaug System) | $990.04<br>$893.57<br>$1,156.00 | CWC Website – CT Water Division Rates<br>ESA Declaration Form<br>ESA Declaration Form |
| Vernon | Connecticut Water Company<br>Manchester Water Dept. | $990.04<br>$502.09 | CWC Website – CT Water Division Rates |
| Wallingford | Wallingford Water Division | $659.14 | Town of Wallingford Website |
| West Hartford | Metropolitan District Comm. | $585.23 | MDC Website – Member Towns |
| West Haven | SCCRWA | $806.76 | SCCRWA Website |
| Westbrook | Connecticut Water Company | $990.04 | CWC Website – CT Water Division Rates |
| Wethersfield | Metropolitan District Comm. | $585.23 | MDC Website – Member Towns |
| Willington | Connecticut Water Company | $943.25 | CWC Website – Mansfield Division Rates |
| Windsor | Metropolitan District Comm. | $585.23 | MDC Website – Member Towns |
| Windsor Locks | Connecticut Water Company<br>Metropolitan District Comm. | $990.04<br>$764.99 | CWC Website – CT Water Division Rates<br>MDC Website – Non-Member Towns |
| Woodbridge | SCCRWA | $806.76 | SCCRWA Website |

# 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 ESA 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 Central 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 their 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 time frame."

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 Central 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 nonresidential premises where the water may be used for human consumption, when a community water supply system is within 200 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 purity and adequacy of the supply nor 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 community water systems whose ESA is coterminous with their existing service area, such expansion may not be feasible as the small community water system may not be technically, managerially, or financially capable of supporting such an expansion. For example, a homeowner's 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 community water system 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 Central 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 community water systems 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 (e.g., 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 is 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' private property, and thereby having a vested interest in the viability of that business, but not provide 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 Central WUCC Bylaws and ESA Modification Procedures in the Central 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, to 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 non-certified 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 website[4] 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 Central 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 that 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 as follows:

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

[4] Currently, http://www.ct.gov/dph/cwp/view.asp?a=3139&q=387326

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. 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 time frame" 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 Central 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 Central 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 Central 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 Central WUCC Work Plan hosted on the Central WUCC webpage[5] on the DPH website and on file with the Secretary of the Central WUCC (currently at the Hazardville Water Company).

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 Central WUCC Work Plan must be followed to allow new claims for the relinquished unserved areas.

[5] http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576506

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

1017-05-04-jn117-1-rpt.docx

## 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 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
- BRISTOL WATER DEPARTMENT
- CONNECTICUT WATER COMPANY
- HAZARDVILLE WATER COMPANY
- MANCHESTER WATER DEPARTMENT
- MERIDEN WATER DIVISION
- METROPOLITAN DISTRICT COMMISSION
- MIDDLETOWN WATER DEPARTMENT
- NEW BRITAIN WATER DEPARTMENT
- PORTLAND WATER DEPARTMENT
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY
- SOUTHEASTERN CONNECTICUT WATER AUTHORITY
- SOUTHINGTON WATER DEPARTMENT
- TORRINGTON WATER COMPANY
- VALLEY WATER SYSTEMS, INC
- WALLINGFORD WATER DIVISION
- WINDHAM WATER WORKS

Suffield
Enfield
Somers
Stafford
Granby
East Granby
Windsor Locks
Ellington
East Windsor
Willington
Tolland
Simsbury
Canton
Windsor
Bloomfield
South Windsor
Vernon
Avon
West Hartford
Hartford
East Hartford
Manchester
Coventry
Mansfield
Bolton
Andover
Farmington
Columbia
Wethersfield
Glastonbury
Newington
Plainville
New Britain
Rocky Hill
Hebron
Marlborough
Southington
Berlin
Cromwell
Portland
East Hampton
Middletown
Meriden
Middlefield
Wallingford
Durham
Haddam
East Haddam
Bethany
Hamden
North Haven
North Branford
Chester
Lyme
Killingworth
Deep River
Essex
Woodbridge
Madison
Guilford
Old Lyme
Old Saybrook
New Haven
East Haven
Westbrook
Clinton
Orange
West Haven
Branford
Milford

*CENTRAL PWSMA ESA OVERVIEW*

*CENTRAL CONNECTICUT FINAL RECOMMENDED ESA BOUNDARIES*

N W E S

*SOURCE:* *CT DPH, CT DEEP*

| SJB DESIGNED | SJB DRAWN | JAG CHECKED |
|---|---|---|

*SCALE:* 1:108,000

*PROJECT NO.:* 1017-05-04

*DATE:* JUNE 14, 2017

*SHEET:* APPENDED FIGURE 1

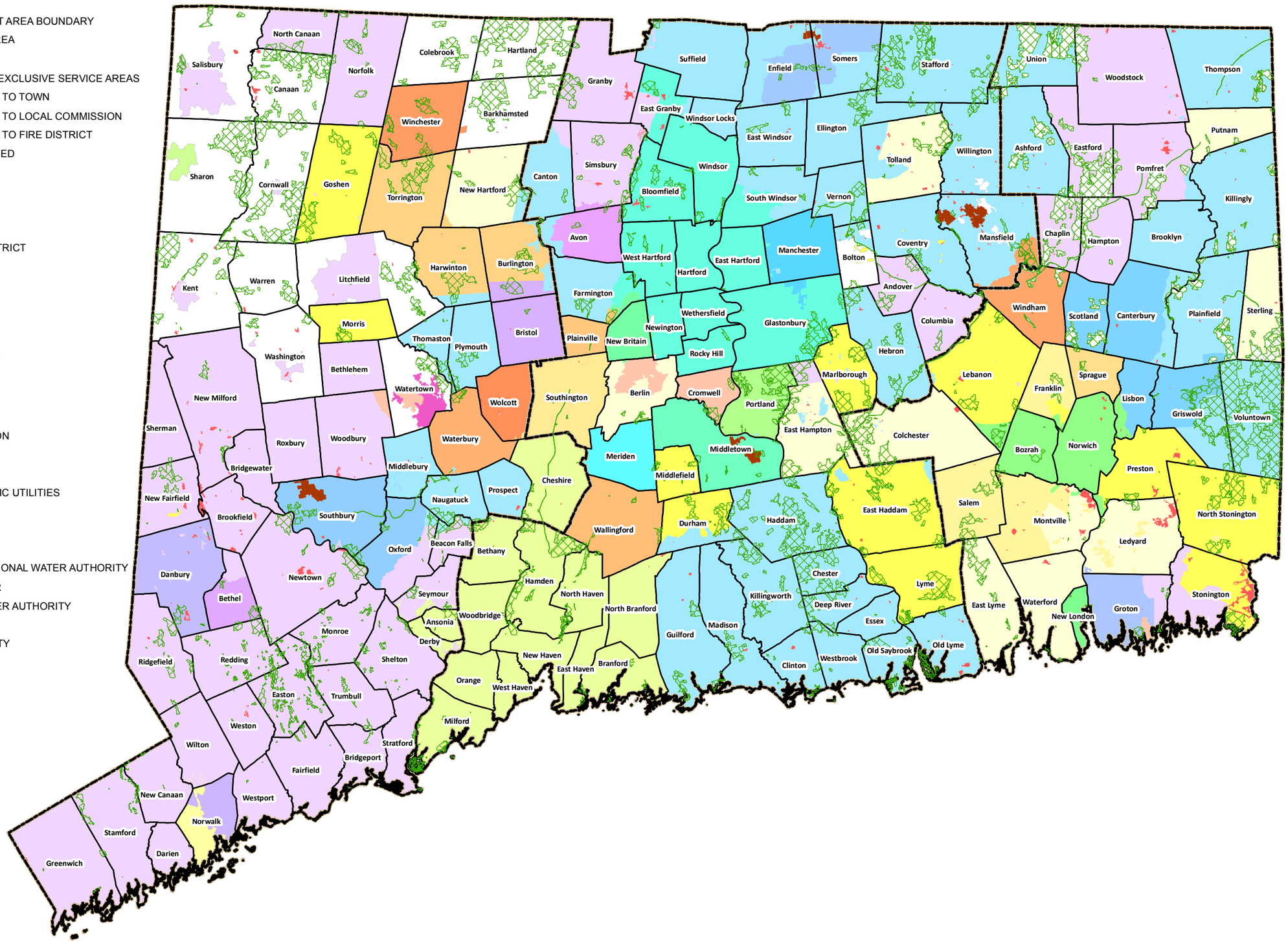

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**Legend**

- 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
- SOUTHINGTON 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





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

# STATEWIDE MAP OF ESA BOUNDARIES
## EXCLUSIVE SERVICE AREA PROCESS
## CONNECTICUT

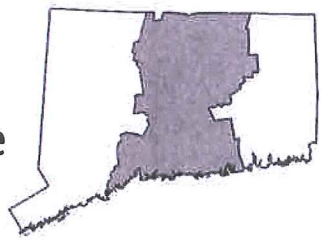
**Map By:** SJB
**MMI#:** 1017-05-04
**MXD:** Y:\1017-05\GIS\Maps_Statewide_Map.mxd
**1st Version:** 03/28/2017
**Revision:** 6/13/2017
**Scale:** 1 in = 41,000 ft

**Appended Figure 2**

# APPENDIX A

## WUCC CORRESPONDENCE AND SUPPLEMENTAL INFORMATION

# Central Region
# Water Utility Coordinating Committee



September 26, 2016

David Radka, Co-Chair
DRadka@ctwater.com
860-669-8630

Bart Halloran, Co-Chair
bhalloran@themdc.com
860-726-7810

Brendan Avery,
Recording Secretary
bavery@hazardvillewater.com
860-749-0779

WUCC Members
Consulting State Agencies
Municipal Officials
Interested Persons

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

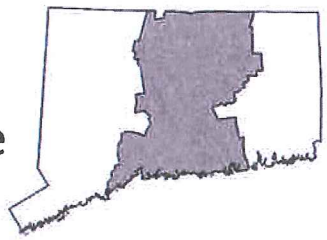
The Central Region Water Utility Coordinating Committee (WUCC) is in a two year drinking water supply planning process in the central region public water supply management area. In accordance with Section 25-33h-1(c)(6) of the Regulations of Connecticut State Agencies (RCSA), this letter is being sent to all eligible WUCC members within the central 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.

The Exclusive Service Area Delineation will be the second of four documents that will be created through the Central 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 Central 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 continue at the next scheduled WUCC meeting to be held on October 25, 2016. Notification of the location of this meeting will be posted two weeks prior to the meeting date. Members of the public may attend all WUCC meetings.

# Central Region
# Water Utility Coordinating Committee





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

- September: Existing ESA holders are being asked to affirm that they intend to maintain their ESAs;
- October: Declaration forms will be issued to Central WUCC members and municipalities in the Central Region where ESAs are currently not established;
- December: Declaration forms due; 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.

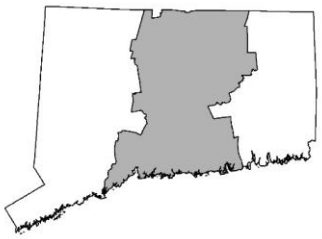
Additional information pertaining to the Central Region Water Utility Coordinating Committee, including past and future meeting agendas, meeting minutes, correspondence, schedules, mapping, and publications may be found at the following web site: http://www.ct.gov/dph/wucc. We look forward to your participation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

Very Truly Yours,

David Radka
Central Region WUCC Co-Chair

Bart Halloran
Central Region WUCC Co-Chair

# Central Region
# Water Utility Coordinating Committee



October 19, 2016

David Radka, Co-Chair
DRadka@ctwater.com
860-669-8630

Bart Halloran, Co-Chair
bhalloran@themdc.com
860-726-7810

Brendan Avery,
Recording Secretary
bavery@hazardvillewater.com
860-749-0779

Via Electronic Mail

To: Central WUC Exclusive Service Area Holders

Re: Request to Affirm Existing ESAs

In 1988 and 1989, exclusive service area (ESA) boundaries were established in accordance with CGS 25-33g by the former Upper Connecticut River Area and South Central Area Water Utility Coordinating Committees (WUCCs), respectively. At that time, areas served by public water systems were automatically assigned as ESA boundaries coincident with the active service area of those systems. ESA boundaries were also established for areas unserved by public water supply at that time, whereby future public water service to those areas (either by main extension or satellite system) would be the responsibility of the particular public water system or municipality holding the ESA to coordinate. Each ESA holder signed a Statement of Confirmation agreeing to the rights and responsibilities of being an ESA holder.

The ESA boundaries established in the late 1980s, as amended, continue to be applicable. The Central WUCC Region is beginning the process of establishing ESA boundaries for the newly formed region, including numerous communities that were not part of the any prior WUCC process. **At this time, the Central WUCC is requesting that existing ESA holders affirm that they intend to maintain their existing ESA boundaries**. Attached is a map showing the Central WUCC Region communities and ESA holders. Please advise the Central WUCC officers of your intentions on or before November 1, 2016 via letter to the Recording Secretary, Brendan Avery at the above address. Scanned emailed letters will be accepted. Please note that existing ESA holders will need to sign updated Statements of Confirmation at the conclusion of the current process. Also note that statutory changes now require that an ESA holder own and operate any community water system constructed in their ESA.

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. Such areas will then become 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, Ms. Jeanine Gouin of Milone & MacBroom, Inc., at 203-271-1773 or jgouin@mminc.com. For current information regarding the WUCC process, please visit the DPH website at http://www.ct.gov/dph/wucc.

Very Truly Yours,

David Radka
Central Region WUCC Co-Chair

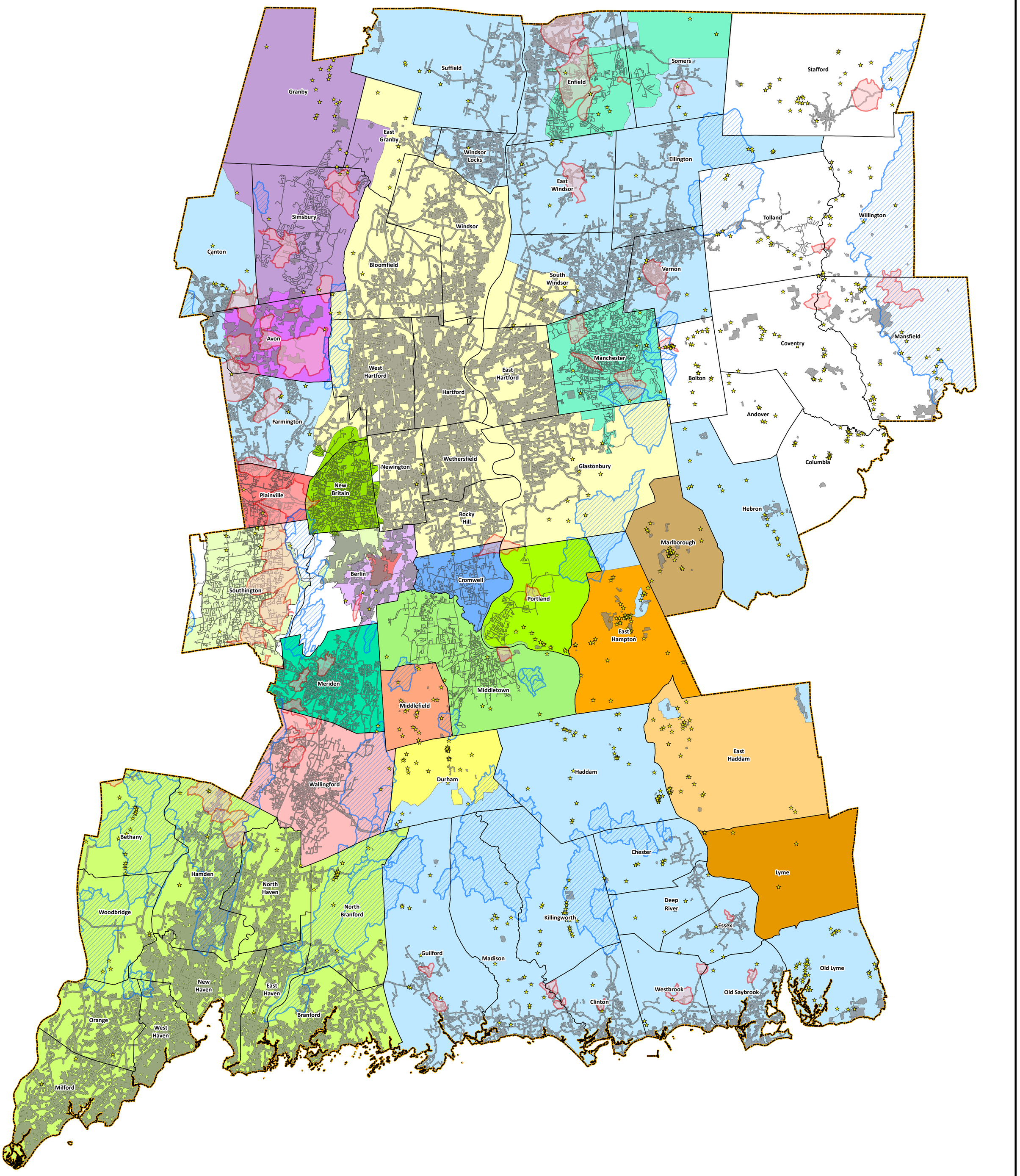
Bart Halloran
Central Region WUCC Co-Chair

**LEGEND**

- NON-COMMUNITY SYSTEMS
- AQUIFER PROTECTION AREAS (APA)
- PWS WATERSHED
- COMMUNITY WATER SYSTEMS

**EXCLUSIVE SERVICE AREA**

- EXCLUSIVE UNASSIGNED/UNDEFINED
- AQUARION WATER CO.
- AVON WATER CO
- BERLIN WATER CONTROL COMMISSION
- CROMWELL FIRE DISTRICT WATER DEPARTMENT
- CONNECTICUT WATER CO.
- HAZARDVILLE WATER COMPANY
- KENSINGTON FIRE DISTRICT
- MANCHESTER WATER DEPARTMENT
- MERIDEN WATER DIVISION
- METROPOLITAN DISTRICT COMMISSION
- MIDDLETOWN WATER DEPARTMENT
- NEW BRITAIN WATER DEPARTMENT
- PORTLAND WATER DEPARTMENT
- SOUTH CENTRAL CT REGIONAL WATER AUTHORITY
- SOUTHINGTON WATER DEPARTMENT
- TOWN OF DURHAM
- TOWN OF EAST HADDAM
- TOWN OF EAST HAMPTON
- TOWN OF LYME
- TOWN OF MARLBOROUGH
- TOWN OF MIDDLEFIELD
- VALLEY WATER SYSTEMS, INC.
- WALLINGFORD WATER DEPARTMENT
- WORTHINGTON FIRE DISTRICT




**CENTRAL PWSMA OVERVIEW**

**CENTRAL CONNECTICUT WATER SUPPLY ASSESSMENT**

N W E S

SOURCE: CT DPH, CT DEEP

| SJB DESIGNED | SJB DRAWN | DM CHECKED |
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SCALE: 1:148,000

PROJECT NO.: 1017-05-03


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DATE: October 17, 2016

SHEET: APPENDED FIGURE 2

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

**INSTRUCTIONS:**

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

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

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

**SECTION 1. DECLARANT INFORMATION**

Water Utility or Municipality Name: _____

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

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

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

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

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? If yes, please explain.

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

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

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

3. If you do not anticipate serving a 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? If yes, please explain.

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

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

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

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

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

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

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

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

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 gallons[1] 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 statue, regulation and ordinance within their exclusive service area boundaries within a reasonable time frame. This may include but not be limited to development of supply sources, main extensions, or satellite management.

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

Signature of
Duly Authorized Representative: _____ Date: _____

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

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

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

Keeping Connecticut Healthy
DPH
Connecticut Department of Public Health

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
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Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep 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) appraised 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 appraised 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,

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

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

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 E Kaliszewski

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 system[1] 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,

Raul Pino, MD, MPH
Commissioner

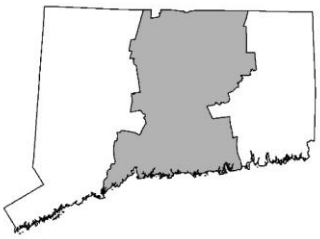
cc: Yvonne T. Addo, MBA, Deputy Commissioner
Lori Mathieu, Public Health Section Chief, Drinking Water Section
Robert Kaliszewski, Director of Administration, DEEP

[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."

Connecticut Department of Public Health

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Hartford, Connecticut 06134-0308
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# Central Region
# Water Utility Coordinating Committee



March 15, 2017

Via Electronic Mail

To: Central Region WUCC Members
Consulting State Agencies
Councils of Government
Chief Municipal Officials and Planning Commissions
Local Health Officials
Interested Parties

David Radka, Co-Chair
DRadka@ctwater.com
860-669-8630

Bart Halloran, Co-Chair
bhalloran@themdc.com
860-726-7810

Brendan Avery,
Recording Secretary
bavery@hazardvillewater.com
860-749-0779

**RE: Preliminary Recommended Exclusive Service Area Boundaries**

In accordance with CGS 25-33g(b) and RCSA 25-33h-1(d)(B), the Central Connecticut Water Utility Coordinating Committee (WUCC) has established preliminary recommended exclusive service area boundaries for the Central 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 Central Corridor WUCC section. A hard copy of the document may also be reviewed at the offices of the South Central Connecticut, Lower Connecticut River Valley and Capitol Region Councils of Governments during normal business hours. The Central WUCC would like to thank the Councils of Governments for providing this service.

At this time, the Central WUCC is requesting review and comment on the preliminary recommended exclusive service area boundaries document from all interested persons. Discussion of comments received will be held at the next Central WUCC meeting scheduled for April 19, 2017 at the MDC Training Center, 125 Maxim Road, Hartford, CT. The public comment period closes on April 19, 2017 and any final comments on the document from the public must be received by the end of that day.

Please provide comments via electronic mail to the Officers at the email addresses listed above, via regular mail at the mailing address of the Recording Secretary listed below, or by attendance at the April 19 WUCC meeting. If you have any questions, please do not hesitate to contact the WUCC officers.

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,

David Radka
Central Region WUCC Co-Chair

Bart Halloran
Central Region WUCC Co-Chair

## Jeanine Gouin

**From:** Cooley, David <David.Cooley@ct.gov>
**Sent:** Thursday, May 11, 2017 2:55 PM
**To:** Jeanine Gouin
**Cc:** DRadka@ctwater.com; Bart Halloran (BHalloran@mdctlaw.com); bavery@hazardvillewater.com; Sydoriak, Jamie; Fitting, Corinne
**Subject:** RE: DEEP Lands

Jeanine,

The DEEP Property that was claimed in the WUCC process was DEEP owned and maintained land in that, DEEP owns the land via some legal mechanism. We are in no way claiming lands that we have jurisdiction over through permitting requirements or other statutory/regulatory authority. That being said, our mapping and land ownership changes frequently, as discussed during several WUCC meetings, therefore, the mapping is a reference tool that is bound to change. The bottom line, is the rhetoric set within the WUCC reports that generally indicates that DEEP owned land is viewed differently and exempt from the requirements associated with Exclusive Service Areas.

I hope this provides sufficient clarification. DC

David Cooley, PE
Supervising Civil Engineer
Engineering Unit
Engineering & Field Support Services Division
Bureau of Central Services
Connecticut Department of Energy and Environmental Protection
163 Great Hill Road, Portland, CT 06480
P: 860.424.4120 | C: 860.205.7552 | F: 860.344.2560 | E: david.cooley@ct.gov




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***Ensuring a clean, affordable, reliable, and sustainable energy supply.***

---

**From:** Jeanine Gouin [mailto:jeanineg@miloneandmacbroom.com]
**Sent:** Thursday, May 11, 2017 8:34 AM
**To:** Cooley, David <David.Cooley@ct.gov>
**Cc:** DRadka@ctwater.com; Bart Halloran (BHalloran@mdctlaw.com) <BHalloran@mdctlaw.com>; bavery@hazardvillewater.com
**Subject:** DEEP Lands

Good Morning, David,

I am attaching an email exchange that originated from Tom Hansen, representing Valley Water, as well as the reply from WUCC Co-Chair David Radka. Valley is looking for clarification relative to "DEEP-owned and maintained lands" verses land that is under DEEP jurisdiction. Specifically, they refer to land in Farmington, where the DEEP identified lands eclipse a large portion of the ESA claim by Valley Water. Much of this area is designated floodplain and/or wetland (shown on the attached map in the dark brown color with green cross-hatching). Can you provide some clarification on the nature of the identified DEEP lands relative to ownership and/or maintenance?

The next Central WUCC meeting is scheduled for next Wednesday, May 17. I am hoping to provide clarification at or prior to that meeting. If a phone call would be more efficient, please feel free to call me. Thanks.

~Jeanine

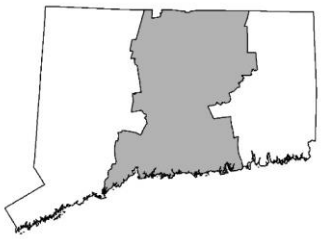
**Jeanine Armstrong Gouin, P.E.**
Vice President, Managing Director

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Please consider the environment before printing this e-mail.

# Central Region
# Water Utility Coordinating Committee



May 9, 2017

Via Electronic Mail

To:
Aquarion Water Company
Avon Water Company
Berlin Water Control Commission
Connecticut Water Company
Cromwell Fire District
Hazardville Water Company
Kensington Fire District
Manchester Water Department
Meriden Water Department
Metropolitan District Commission
Middletown Water Department
New Britain Water Department
Portland Water Department
South Central CT Regional Water Auth.
Southington Water Department
Tolland Water Department
Town of Bolton
Town of Coventry
Town of Durham
Town of East Haddam
Town of East Hampton
Town of Lyme
Town of Marlborough
Town of Middlefield
Valley Water Systems
Wallingford Water Division
Windham Water Works
Worthington Fire District

David Radka, Co-Chair
DRadka@ctwater.com
860-669-8630

Bart Halloran, Co-Chair
bhalloran@themdc.com
860-726-7810

Brendan Avery,
Recording Secretary
bavery@hazardvillewater.com
860-749-0779

**RE: Statement of Confirmation**

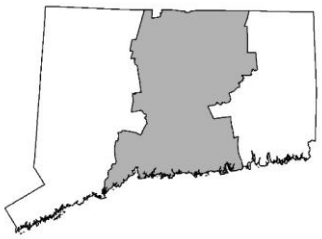
The Central Water Utility Coordinating Committee (WUCC) is working to complete the Exclusive Service Area (ESA) process and planning to submit a finalized ESA document to the Connecticut Department of Public Health (DPH) following the June 14th meeting. You are receiving this email because you have a previously-approved ESA for water service from a former WUCC process, and/or a recommended ESA developed during the current process. All ESA holders are asked to sign the attached Statement of Confirmation to accept, or in the case of previously established ESAs, reaffirm the rights and responsibilities of your ESA.

A copy of the Statement of Confirmation and a map index is attached. Updated mapping is included in the updated draft Final ESA Document at the following link: https://mminc.sharefile.com/d-s35702b030ae4337a.

The WUCC anticipates that final ESA recommendations will be adopted at their regularly scheduled meeting on May 17, 2017. Therefore, we request that signature of the Statement of Confirmation occur *after* that date. The WUCC requests that signed original Statements of Confirmation be submitted to the Recording Secretary on or before June 2, 2017. Please note that failure to submit a signed Statement of Confirmation may result in your ESA designation being reassessed by the WUCC and/or DPH.

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

# Central Region
# Water Utility Coordinating Committee



If you have any questions, please reach out to the WUCC officers copied on this email, or our consultant Ms. Jeanine Gouin of Milone & MacBroom, Inc. at 203-271-1773.

Thank you in advance for your efforts in this matter.

Very Truly Yours,

David Radka
Central Region WUCC Co-Chair

Bart Halloran
Central Region WUCC Co-Chair

UCONN
UNIVERSITY OF CONNECTICUT

May 11, 2017

Central Connecticut Water Utility Coordinating Committee
c/o Brendan Avery
Hazardville Water Company
281 Hazard Avenue
Enfield, CT 06082
Attn: David Radka, Co-Chair and Bart Halloran, Co-Chair

Dear Messrs. Radka and Halloran:

The University of Connecticut ("UConn") has reviewed the Town of Mansfield's comment letter dated April 17, 2017 and we concur with the Town's suggestion that the Fenton Tract of the UConn Forest and UConn's undeveloped portion of the Pink Ravine area should be designated as unassigned on the Central WUCC's final Mansfield Exclusive Service Area (ESA) map.

As mentioned in the Town's letter, the University's 2015 Master Plan does not propose any new development in the aforementioned areas. Further, the Town's letter correctly references UConn's land preservation goals that are stated in the Master Plan's Sustainability Framework.

Attached please find a map which shows the boundary of UConn's existing service area revised to exclude the Fenton Tract, which we request be designated as unassigned on the WUCC's final ESA map. The attached map also shows the UConn-owned property in the Pink Ravine area, which is currently shown on the WUCC's preliminary ESA map as part of CT Water's exclusive service area, as an area that we request remain unassigned.

Sincerely,

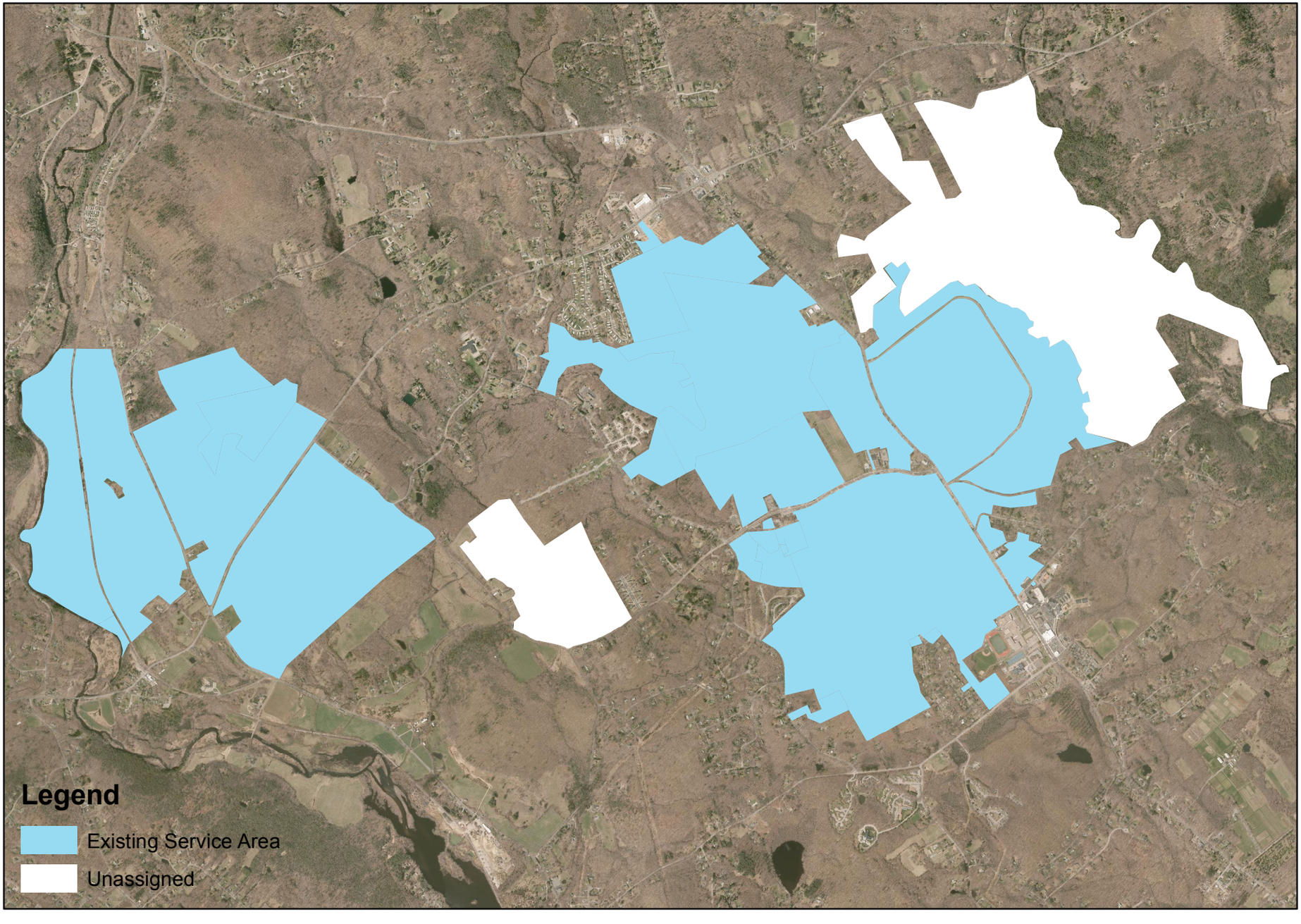
Stanley L. Nolan
Director of Utility Operations and Energy Management

Cc: Jeanine Gouin, Milone &MacBroom, Inc.
Linda Painter, Town of Mansfield Director of Planning

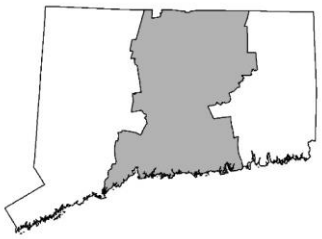
Office of the Executive Vice President for
Administration and Chief Financial Officer
**Facilities Operations & Building Services**
25 LEDOYT ROAD, UNIT 322
STORRS, CT 06269-3055
WWW.UCONN.EDU

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# University of Connecticut-Revised Service Area Boundary Map



# Central Region
# Water Utility Coordinating Committee



May 9, 2017

Via Electronic Mail

To:
Aquarion Water Company
Avon Water Company
Berlin Water Control Commission
Connecticut Water Company
Cromwell Fire District
Hazardville Water Company
Kensington Fire District
Manchester Water Department
Meriden Water Department
Metropolitan District Commission
Middletown Water Department
New Britain Water Department
Portland Water Department
South Central CT Regional Water Auth.
Southington Water Department
Tolland Water Department
Town of Bolton
Town of Coventry
Town of Durham
Town of East Haddam
Town of East Hampton
Town of Lyme
Town of Marlborough
Town of Middlefield
Valley Water Systems
Wallingford Water Division
Windham Water Works
Worthington Fire District

David Radka, Co-Chair
DRadka@ctwater.com
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Bart Halloran, Co-Chair
bhalloran@themdc.com
860-726-7810

Brendan Avery,
Recording Secretary
bavery@hazardvillewater.com
860-749-0779

**RE: Statement of Confirmation**

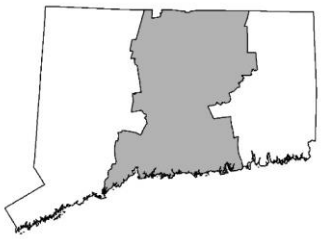
The Central Water Utility Coordinating Committee (WUCC) is working to complete the Exclusive Service Area (ESA) process and planning to submit a finalized ESA document to the Connecticut Department of Public Health (DPH) following the June 14th meeting. You are receiving this email because you have a previously-approved ESA for water service from a former WUCC process, and/or a recommended ESA developed during the current process. All ESA holders are asked to sign the attached Statement of Confirmation to accept, or in the case of previously established ESAs, reaffirm the rights and responsibilities of your ESA.

A copy of the Statement of Confirmation and a map index is attached. Updated mapping is included in the updated draft Final ESA Document at the following link: https://mminc.sharefile.com/d-s35702b030ae4337a.

The WUCC anticipates that final ESA recommendations will be adopted at their regularly scheduled meeting on May 17, 2017. Therefore, we request that signature of the Statement of Confirmation occur *after* that date. The WUCC requests that signed original Statements of Confirmation be submitted to the Recording Secretary on or before June 2, 2017. Please note that failure to submit a signed Statement of Confirmation may result in your ESA designation being reassessed by the WUCC and/or DPH.

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

# Central Region
# Water Utility Coordinating Committee



If you have any questions, please reach out to the WUCC officers copied on this email, or our consultant Ms. Jeanine Gouin of Milone & MacBroom, Inc. at 203-271-1773.

Thank you in advance for your efforts in this matter.

Very Truly Yours,

David Radka
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# APPENDIX B

## SUMMARY OF ESA PROCESS FOR FORMER SOUTHEASTERN WUCC

Existing service area boundaries in the former Southeastern PWSMA were delineated as part of the *Final Water Supply Assessment* dated April 1999. A map of those boundaries was appended as Figure I 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 ESA delineation process for the former Southeastern PWSMA. Note that the former Southeastern PWSMA includes areas that are now part of the Central PWSMA and not the Eastern PWSMA.

**TABLE B-1**
**Summary of Milestones in the Exclusive Service Area Delineation Process, 1998-2001**

| Date | Milestone |
|---|---|
| August 5, 1998 | Convening of the former Southeastern WUCC (initial meeting) |
| December 1998 | Notice to file ESA declarations issued. |
| February 10, 1999 | Deadline for filing ESA declarations |
| March to July 1999 | Formal and informal discussions ongoing between conflicting ESA declarants. |
| June/July 1999 | Five municipalities make late ESA declarations, with one additional municipal public water system expanding its initial claim. |
| July 30, 1999 | ESA conflict areas in 12 municipalities referred to the Department of Public Utility Control (now PURA). |
| August 1999 | Preliminary ESA boundaries document issued for public comment. |
| September to November 1999 | ESA conflict resolution presentations and voting procedure debated. |
| October 1999 | Responses are drafted to public comment concerning the Preliminary ESA boundaries document. |
| December 1999 | Schedule for ESA presentations and voting procedures adopted. |
| January 2000 | Town of Lyme ESA is resolved – 11 municipalities remain in conflict. |
| March 9, 2000 | Department of Public Utility Control (now PURA) provides ESA recommendations. |
| April 4 and 6, 2000 | Southeastern WUCC utilizes ESA procedures, with all remaining conflicts resolved by vote. |
| May 2000 | ESA mapping developed based on April meetings and voting results. |
| June 2000 | Internal review of final ESA boundary document distributed to members. |
| July 2000 | Final ESA boundary document submitted to DPH. |
| December 2000 | Final ESA document revised and resubmitted to DPH. |
| March 2001 | Final ESA document revised and resubmitted to DPH. |
| 2001 to 2015 | ESA boundaries modified by the former Southeastern WUCC upon request. |

Work began on the ESA process in December 1998. Notice of the initiation of the Preliminary ESA declaration process was provided by the former Southeastern WUCC via two memorandums. The first memorandum was sent to public water systems (with an attached ESA declaration form), and the other was directed at chief elected officials/chief administrative officials, local health directors, planning and zoning commissions, and interested parties. The Preliminary ESA declaration forms provided to WUCC members were to be completed by each public water system representative and returned by February 10, 1999, with associated mapping.

Representatives of public water systems were provided the opportunity to participate in a workshop held in conjunction with the January 1999 monthly WUCC meeting. A presentation by the consultant

team and a question and answer period were conducted as part of the workshop to assist participants in understanding the ESA declaration process and completion of the ESA declaration form.

On or before February 10, 1999, the Preliminary ESA declaration forms were received from those members wishing to be ESA holders for areas unserved by public water supply at that time. Initial claims are summarized in Table B-2. The preliminary declaration forms and responses, some of which were quite lengthy, are not included in this document but are available in the files of Connecticut DPH in Hartford, Connecticut, as well as at the Southeastern Connecticut Council of Governments (SCCOG) office in Norwich, Connecticut.

**TABLE B-2**
**Summary of Initial Exclusive Service Area Declarations, February 1999**

| Municipality | Requesting all Unserved Areas within Municipality | Requesting Portion of Unserved Areas within Municipality | Conflict? |
|---|---|---|---|
| Bozrah | Norwich Water Department<br>SCWA | None | Yes |
| Colchester | Colchester Water & Sewer Commission,<br>Eastern CT Regional Water Company<br>SCWA | None | Yes |
| East Haddam | Connecticut Water Company<br>Eastern CT Regional Water Company | None | Yes |
| East Hampton | CT-American Water Company<br>Eastern CT Regional Water Company | East Hampton Water & Sewer Authority | Yes |
| East Lyme | East Lyme Water Department<br>SCWA | None | Yes |
| Franklin | Connecticut Water Company<br>Eastern CT Regional Water Company<br>Norwich Water Department<br>SCWA | None | Yes |
| Griswold | SCWA | Connecticut Water Company<br>Jewett City Water Company | Yes |
| Groton | Groton Utilities | CT-American Water Company<br>Noank Fire District | Yes |
| Hebron | CT-American Water Company<br>Eastern CT Regional Water Company | None | Yes |
| Lebanon | CT-American Water Company<br>Eastern CT Regional Water Company<br>Norwich Water Department | None | Yes |
| Ledyard | Ledyard WPCA<br>SCWA | Preston Plains Water Company | Yes |
| Lisbon | Jewett City Water Company<br>Norwich Water Department<br>SCWA | None | Yes |
| Lyme | Connecticut Water Company<br>Eastern CT Regional Water Company | None | Yes |
| Marlborough | CT-American Water Company<br>Eastern CT Regional Water Company | None | Yes |

**TABLE B-2**
**Summary of Initial Exclusive Service Area Declarations, February 1999**

| Municipality | Requesting all Unserved Areas within Municipality | Requesting Portion of Unserved Areas within Municipality | Conflict? |
|---|---|---|---|
| Montville | Montville WPCA<br>SCWA | None | Yes |
| New London | New London Water Department | None | No |
| North Stonington | CT-American Water Company<br>SCWA | Connecticut Water Company<br>Preston Plains Water Company | Yes |
| Norwich | Norwich Water Department | None | No |
| Old Lyme | Connecticut Water Company | None | No |
| Preston | Norwich Water Department<br>SCWA | Connecticut Water Company<br>Jewett City Water Company<br>Preston Plains Water Company | Yes |
| Salem | Eastern CT Regional Water Company<br>Town of Salem<br>SCWA | None | Yes |
| Sprague | SCWA<br>Sprague Water & Sewer Authority | None | Yes |
| Stonington | CT-American Water Company<br>Town of Stonington<br>SCWA | None | Yes |
| Voluntown | CT-American Water Company<br>Connecticut Water Company<br>SCWA | None | Yes |
| Waterford | SCWA<br>Waterford WPCA | None | Yes |

As a result of the initial declarations, 22 of the 25 municipalities had declarants in conflict over ESA boundary claims. Several conflict resolution workshops were held throughout the ESA process. The first was held on March 10, 1999, following the regular monthly meeting of the former Southeastern WUCC. Although the workshop was open to all eligible WUCC members, it was specifically geared toward resolution of identified overlaps of proposed ESA boundaries. Public water suppliers and municipalities were encouraged to continue or initiate private meetings to resolve conflicts.

As part of the ESA declaration process, several public water suppliers were allowed to expand their existing service areas to encompass small areas of contiguously owned property. These included Independent Village Elderly Housing, Freedom Village Elderly Housing, and Waterford Country School. The Westerly Water Department was allowed to expand their existing service area in the Town of Stonington in an area where water service was funded, designed, and anticipated to be constructed in the immediate future.

In June 1999, a limited reopening of the ESA process was allowed for representatives of the municipalities of North Stonington, Lebanon, Preston, and East Hampton. North Stonington and Lebanon were recognized as WUCC members following the initial claim period. East Hampton had previously claimed a small portion of the town surrounding Lake Pocotopaug and wished to revise that claim to include the entire town.

On June 22 and June 23, 1999, 2 full days of back-to-back conflict negotiation meetings were held with WUCC members for areas that remained in conflict. These meetings were facilitated by the consultant team. Numerous conflicts were either resolved or partially resolved as part of this process.

At the July 1999 WUCC meeting, the Town of East Haddam was recognized as a new WUCC member, and the attending WUCC members agreed to accept its ESA declaration for the entire town. This claim resulted in an additional conflict in East Haddam. In August 1999, the Town of Lyme petitioned for membership; the petition was denied as it was found that the town did not own a public water system and therefore could not be a WUCC member. However, the town was allowed to make an ESA declaration. Additional conflict negotiation meetings were held with WUCC members on July 27, 1999, in an attempt to resolve the remaining conflict areas.

Pursuant to CGS 25-33g, the remaining conflicts were forwarded to the Department of Public Utility Control (now the Public Utility Regulatory Authority, or PURA) on July 30, 1999, for consultation following a vote by the attending WUCC membership to do so. The referred conflicted municipalities included East Haddam, East Hampton, Franklin, Griswold, Lebanon (partial), Ledyard, Lyme, Marlborough, Montville, North Stonington, Preston (partial), and Voluntown.

Subsequent to the PURA referral, the Town of Lyme was resolved among conflicting parties. In September 1999, the Town of Marlborough became a newly recognized WUCC member.

In December 1999, the former Southeastern WUCC adopted procedures for making presentations and voting on the DPUC recommendations once they were issued. These procedures were subsequently modified in February 2000 and again in March 2000. A copy of the procedures is included herein as Appendix C. PURA rendered its recommendations for the remaining 11 conflict areas on March 9, 2000.

On April 4 and April 6, 2000, participating WUCC members held 2 days of meetings for all remaining conflict areas, in accordance with the adopted procedures. Table B-3 presents the status of conflicts prior to the April 2000 meetings. Votes were taken to either accept or reject the PURA recommendations, and alternative award scenarios were considered and voted upon for all remaining conflict areas. Following the April 6, 2000 meeting, the *Final ESA Boundaries* document was drafted and was distributed at the June 6, 2000, meeting for member comment.

**TABLE B-3**
**Exclusive Service Area Declarations Still in Conflict as of March 9, 2000**

| Geographic Area | Conflicted Parties | Comments |
|---|---|---|
| East Haddam | Eastern CT Regional Water Company<br>Town of East Haddam | Both parties claimed the entire town. |
| East Hampton | East Hampton Water & Sewer Authority<br>Eastern CT Regional Water Company<br>CT-American Water Company | All three parties claimed the entire town. |
| Franklin | SCWA<br>Connecticut Water Company | Norwich Water Department will be the ESA holder to a small area in southern Franklin and was no longer in conflict. Both SCWA and CWC claimed the remainder of the town. |

**TABLE B-3**
**Exclusive Service Area Declarations Still in Conflict as of March 9, 2000**

| Geographic Area | Conflicted Parties | Comments |
|---|---|---|
| Griswold | Connecticut Water Company<br>SCWA | Jewett City Water Company will be the ESA holder to the northern and western parts of Griswold and was no longer in conflict. Both SCWA and CWC claimed the remainder of the town. |
| Lebanon | Town of Lebanon<br>CT-American Water Company<br>Eastern CT Regional Water Company | Norwich Water Department will be the ESA holder to the southern part of town. The three parties claimed the entire remainder of town. |
| Ledyard | Ledyard WPCA<br>Preston Plains Water Company<br>SCWA | Ledyard WPCA and SCWA both claim the entire town while Preston Plains Water Company claimed an area in the northeastern corner. |
| Marlborough | Eastern CT Regional Water Company<br>CT-American Water Company<br>Town of Marlborough | All three parties claimed the entire town. |
| Montville | Montville WPCA<br>SCWA | Both parties claimed the entire town. |
| North Stonington | Town of North Stonington<br>Connecticut Water Company<br>SCWA<br>CT-American Water Company<br>Preston Plains Water Company | Preston Plains Water Company claimed an area along the western border of town and is in conflict with all parties except CWC. The remainder of town was in conflict between all parties except Preston Plains Water Company. |
| Preston | Town of Preston<br>Preston Plains Water Company<br>SCWA<br>Connecticut Water Company | The southeast portion of Preston was claimed by Preston Plains Water Company, the town, and SCWA. The northeastern portion of town was claimed by the town and CWC. Conflicts in the western portion of town were resolved. |
| Voluntown | Connecticut Water Company<br>SCWA | Both parties claimed the entire town. |

An issue involving the Town of East Hampton ESA came to light via a June 26, 2000, letter from the Eastern Connecticut Regional Water Company (AquaSource). Representatives of AquaSource and the Town of East Hampton were actively negotiating to resolve their conflict in East Hampton up to April 5, 2000. At issue is the belief by AquaSource that agreement had been reached with the town, with no need to formally make a presentation at the April 6, 2000, WUCC meeting. This belief was based upon a partially executed Proposed Memorandum of Understanding dated April 5, 2000, which appears on Town of East Hampton WPCA letterhead in the former Southeastern WUCC ESA document.

Based on its understanding, AquaSource did not prepare for or make a formal presentation at the April 6, 2000, meeting. However, representatives for the Town of East Hampton did make a presentation in conflict with the partially executed Proposed Memorandum of Understanding. At that time, the attending WUCC membership voted to reject the DPUC recommendation and recommend the ESA to the Town of East Hampton.

In light of the information conveyed in the June 26, 2000, letter from AquaSource, the attending WUCC membership at its July 11, 2000, meeting voted to rescind the April 6, 2000, vote with regard to East Hampton and submit the *Final ESA Boundaries* document, leaving the Town of East Hampton unresolved pending scheduled presentations and re-vote at the August 2, 2000, monthly WUCC meeting. The WUCC further voted to submit to DPH immediately following the August 2, 2000, meeting presentations and vote a recommendation regarding East Hampton. Accordingly, presentations were made on August 2, 2000 by representatives from the Town of East Hampton and AquaSource. Representation from the Connecticut-American Water Company indicated that an agreement had been reached between Connecticut-American Water Company and the Town of East Hampton and that Connecticut-American Water Company supported the ESA declaration of the town.

Following the presentations and a question and answer period, the attending WUCC membership voted at its August 2, 2000, meeting to reject the DPUC recommendation for ESA award to AquaSource and made an alternate award recommendation where the Town of East Hampton became the ESA holder for the entire town except those areas identified in the partially executed Proposed Memorandum of Understanding dated April 5, 2000, which were recommended for award to AquaSource. The WUCC recommendations for East Hampton were conveyed to the Commissioner of Public Health in an August 28, 2000, letter signed by the WUCC co-chair. The final recommended ESA designations adopted by the former Southeastern WUCC as of September 2000 are presented in Table B-4.

**TABLE B-4**
**Recommended Exclusive Service Area Designations in Former Southeastern PWSMA, September 2000**

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Bozrah | Norwich Department of Public Utilities |
| Colchester | Colchester Department of Public Works |
| East Haddam | Town of East Haddam with the exception of the area immediately surrounding existing systems and an expanded area around Lake Hayward to be served by Eastern CT Regional Water Company |
| East Hampton | Town of East Hampton with the exception of two areas awarded to Eastern CT Regional Water Company. These include an expanded area surrounding the Baker Hill Division (generally the east shore of Lake Pocotopaug along Route 66) and a portion of land in northern East Hampton near its border with Portland, Glastonbury, and Marlborough. |
| East Lyme | East Lyme Water Department |
| Franklin | SCWA, except for an area in the southern part of Franklin to be served by Norwich Department of Public Utilities (Murphy Road to Route 32 corridor and New Park Avenue) |
| Griswold | Jewett City Water Company in the northern part of town and Connecticut Water Company in the southern part of town |
| Groton | Boundaries have been delineated that are acceptable to all parties, which divide Groton into four ESA areas to be served by Groton Utilities (western), Groton Long Point (southern), Noank Fire District (southeastern), and the CT-American Water Company (eastern). |
| Hebron | Eastern CT Regional Water Company (AquaSource) |
| Lebanon | Town of Lebanon with the exception of a small area immediately surrounding existing systems and a small area assigned to Norwich Department of Public Utilities in the southern part of town along (with 200 feet of) and south of Old Route 2 |
| Ledyard | Ledyard WPCA with the exception of the area immediately surrounding existing systems |

**TABLE B-4**
**Recommended Exclusive Service Area Designations in Former Southeastern PWSMA, September 2000**

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| Lisbon | Boundaries have been delineated that are acceptable to all parties, which divide Lisbon into two ESA areas to be served by the Jewett City Water Company (majority of town) and the Norwich Department of Public Utilities (southwestern) along the border with Norwich from Mell Road and Preston Allen Road to points west. |
| Lyme | Town of Lyme |
| Marlborough | Eastern CT Regional Water Company (AquaSource), except for those properties that are presently or will be owned by the town, which are the ESA for the Town of Marlborough |
| Montville | The eastern portion of town east of Interstate 395 and the Route 163 corridor was assigned to Montville WPC. The majority of the rest of Montville was assigned to SCWA, including areas within 200 feet of all SCWA systems, with the exception of a small area in northern Montville assigned to the Norwich Department of Public Utilities (Holly Hill, Landsdown Estates, Stony Brook transmission right-of-way, and Route 32 corridor to approximately 1,000 feet south of Route 2A). |
| New London | New London Water Department |
| North Stonington | Town of North Stonington |
| Norwich | Norwich Department of Public Utilities |
| Old Lyme | Connecticut Water Company |
| Preston | Town of Preston |
| Salem | SCWA, except for a small area in the northwest portion of town near Lake Hayward, which was assigned to the Eastern CT Regional Water Company, and present and future water systems on land owned by the Town of Salem that serve town-owned property |
| Sprague | Sprague Water & Sewer Authority |
| Stonington | Town of Stonington (eastern), CT-American Water Company (western), and Connecticut Water Company (Mason's Island) |
| Voluntown | Connecticut Water Company |
| Waterford | Waterford WPCA |

Following approval of the *Final Exclusive Service Area Boundaries* by the former Southeastern WUCC, the ESA boundaries were approved by Connecticut DPH. Following the conclusion of the former Coordinated Water System Planning process in 2001, the former Southeastern WUCC continued to meet on an annual or semiannual basis. In addition, SCCOG spearheaded a Regional Water Committee, which met monthly to discuss regional water needs and prioritization of projects. Several adjustments to ESA boundaries were approved by the former Southeastern WUCC between 2001 and 2015 as summarized below:

- The Eastern Connecticut Regional Water Company was awarded an ESA around the Banner Village System in East Haddam.

- The Eastern Connecticut Regional Water Company was purchased by Birmingham Utilities, which was in turn purchased by CWC. ESAs for unserved areas in East Haddam, East Hampton, Hebron, Marlborough, and Salem originally awarded to Eastern Connecticut Regional Water Company were transferred to CWC.

- The Connecticut-American Water Company was purchased by Aquarion Water Company. ESA boundaries for unserved areas in parts of Groton and Stonington were transferred to Aquarion Water Company.

- SCWA and the Town of Ledyard reached a mutually agreeable ESA boundary surrounding the SCWA Gray Farms and SCWA Ledyard Center systems in central Ledyard.

- Norwich Public Utilities was assigned the ESA for unserved areas west of Route 12 in Preston.

- Montville WPCA was assigned the ESA for unserved areas in part of northern Montville (along Route 32 north to Crow Hill Road) as part of the Thames Basin Regional Interconnection Project.

- The Town of Franklin was assigned the ESA for unserved areas in most of southeastern Franklin.

- The Town of Marlborough was assigned the ESA for all unserved areas in Marlborough.

# 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:<br>• 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<br>• 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 prenotification 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 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 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 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 ESA designation for all unserved areas in town. MDC was awarded ESA designation for its existing service area and the Algonquin Gas Transmission Company. No areas left unassigned. |
| Deep River | CWC was awarded 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 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 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 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 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 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 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 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 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 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 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 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 | Bridgeport Hydraulic Company awarded 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.<br><br>CWC awarded 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.<br><br>Heritage Village Water Company awarded ESA designation for all unserved areas generally north and west of the other ESA designations in Oxford.<br><br>Other existing systems received ESA designation 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 |
|---|---|
| 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 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 | Ansonia-Derby Water Company was awarded 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 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 semiannual 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 ESA designation for unserved areas in Avon throughout all but the western and southern portions of town. CWC awarded ESA designation for the northwestern portion of town. Unionville Water Company awarded 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 ESA designation for unserved areas in northern and eastern Berlin. Kensington Fire District awarded 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 ESA designation for unserved areas in Worthington Fire District. Western and southern portions of Berlin left unassigned. |
| 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. |

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| 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 ESA designation for all unserved areas in town. No areas left unassigned. |
| East Windsor | CWC awarded 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 ESA designation for a portion of eastern Farmington. New Britain Water Department awarded ESA designation for much of southeastern Farmington. Unionville Water Company awarded 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 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. |
| 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 ESA designation for all unserved areas in Hartford. 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 |
|---|---|
| Hartland | Town left unassigned. |
| Harwinton | CWC awarded ESA designation for the southern portion of Harwinton. Torrington Water Company awarded 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 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 ESA designation for all unserved areas in the city. No areas left unassigned. |
| New Hartford | CWC awarded 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 ESA designation for the majority of unserved areas in town, with the exception of two areas in western Newington that 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 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 area 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. |
| South Windsor | CWC awarded ESA designation for the northern and eastern portions of town. MDC awarded 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. |

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

| Geographic Area | ESA Designations for Unserved Areas |
|---|---|
| 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 ESA designation for all unserved areas in town. No areas left unassigned. |
| Wethersfield | MDC was awarded 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 semiannual 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 were 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

Table E-1 presents the municipalities by ESA map number and identifies those entities who are ESA holders shown on each map. Table E-2 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 | Andover | Aquarion Water Company |
| 2 | Avon | Avon Water Company, Connecticut Water Company |
| 3 | Berlin | Berlin Water Control Commission, Kensington Fire District, New Britain Water Department, Worthington Fire District |
| 4 | Bethany | South Central Connecticut Regional Water Authority |
| 5 | Bloomfield | Metropolitan District Commission |
| 6 | Bolton | Connecticut Water Company, Town of Bolton |
| 7 | Branford | South Central Connecticut Regional Water Authority |
| 8 | Canton | Aquarion Water Company, Connecticut Water Company |
| 9 | Chester | Connecticut Water Company |
| 10 | Clinton | Connecticut Water Company |
| 11 | Columbia | Aquarion Water Company |
| 12 | Coventry | Connecticut Water Company, Town of Coventry |
| 13 | Cromwell | Cromwell Fire District |
| 14 | Deep River | Connecticut Water Company |
| 15 | Durham | Connecticut Water Company, Town of Durham |
| 16 | East Granby | Aquarion Water Company, Connecticut Water Company, Metropolitan District Commission |
| 17 | East Haddam | Connecticut Water Company, Town of East Haddam |
| 18 | East Hampton | Aquarion Water Company, Connecticut Water Company, Town of East Hampton |
| 19 | East Hartford | Metropolitan District Commission |
| 20 | East Haven | South Central Connecticut Regional Water Authority |
| 21 | East Windsor | Connecticut Water Company, Hazardville Water Company |
| 22 | Ellington | Connecticut Water Company |
| 23 | Enfield | Connecticut Water Company, Hazardville Water Company |
| 24 | Essex | Connecticut Water Company |
| 25 | Farmington | Avon Water Company, Connecticut Water Company, Metropolitan District Commission, New Britain Water Department, Valley Water Systems |
| 26 | Glastonbury | Manchester Water Department, Metropolitan District Commission |
| 27 | Granby | Aquarion Water Company |
| 28 | Guilford | Connecticut Water Company |
| 29 | Haddam | Connecticut Water Company |
| 30 | Hamden | South Central Connecticut Regional Water Authority |
| 31 | Hartford | Metropolitan District Commission |
| 32 | Hebron | Connecticut Water Company |
| 33 | Killingworth | Connecticut Water Company |
| 34 | Lyme | Town of Lyme |

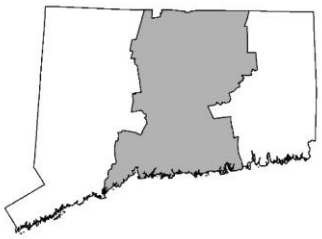
**TABLE E-1**
**ESA Map Index**

| ESA Map Number | Municipality | ESA Holder(s) for Portions or All of Municipality |
|---|---|---|
| 35 | Madison | Connecticut Water Company |
| 36 | Manchester | Manchester Water Department, Metropolitan District Commission |
| 37 | Mansfield | Connecticut Water Company, Windham Water Works |
| 38 | Marlborough | Town of Marlborough |
| 39 | Meriden | Meriden Water Division |
| 40 | Middlefield | Town of Middlefield |
| 41 | Middletown | Middletown Water Department |
| 42 | Milford | South Central Connecticut Regional Water Authority |
| 43 | New Britain | New Britain Water Department |
| 44 | New Haven | South Central Connecticut Regional Water Authority |
| 45 | Newington | Metropolitan District Commission, New Britain Water Department |
| 46 | North Branford | South Central Connecticut Regional Water Authority |
| 47 | North Haven | South Central Connecticut Regional Water Authority |
| 48 | Old Lyme | Connecticut Water Company |
| 49 | Old Saybrook | Connecticut Water Company |
| 50 | Orange | South Central Connecticut Regional Water Authority |
| 51 | Plainville | Valley Water Systems |
| 52 | Portland | Portland Water Department |
| 53 | Rocky Hill | Metropolitan District Commission |
| 54 | Simsbury | Aquarion Water Company, Avon Water Company |
| 55 | Somers | Connecticut Water Company, Hazardville Water Company |
| 56 | South Windsor | Connecticut Water Company, Metropolitan District Commission |
| 57 | Southington | New Britain Water Department, Southington Water Department |
| 58 | Stafford | Connecticut Water Company |
| 59 | Suffield | Connecticut Water Company |
| 60 | Tolland | Connecticut Water Company, Tolland Water Department |
| 61 | Vernon | Connecticut Water Company, Manchester Water Department |
| 62 | Wallingford | Wallingford Water Division |
| 63 | West Hartford | Metropolitan District Commission |
| 64 | West Haven | South Central Connecticut Regional Water Authority |
| 65 | Westbrook | Connecticut Water Company |
| 66 | Wethersfield | Metropolitan District Commission |
| 67 | Willington | Connecticut Water Company |
| 68 | Windsor | Metropolitan District Commission |
| 69 | Windsor Locks | Connecticut Water Company, Metropolitan District Commission |
| 70 | Woodbridge | South Central Connecticut Regional Water Authority |

**TABLE E-2**
**ESA Holders and Associated ESA Maps**

| ESA Holder | Municipalities Containing ESAs | ESA Map Number(s) |
|---|---|---|
| Aquarion Water Company | Andover, Canton, Columbia, East Granby, East Hampton, Granby, Simsbury | 1, 8, 11, 16, 18, 27, 54 |
| Avon Water Company | Avon, Farmington, Simsbury | 2, 25, 54 |
| Berlin Water Control Commission | Berlin | 3 |
| Bolton, Town of | Bolton | 6 |
| Connecticut Water Company | Avon, Bolton, Canton, Chester, Clinton, Coventry, Deep River, Durham, East Granby, East Haddam, East Hampton, East Windsor, Ellington, Enfield, Essex, Farmington, Guilford, Haddam, Hebron, Killingworth, Madison, Mansfield, Old Lyme, Old Saybrook, Somers, South Windsor, Stafford, Suffield, Tolland, Vernon, Westbrook, Willington, Windsor Locks | 2, 6, 8, 9, 10, 12, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 28, 29, 32, 33, 35, 37, 48, 49, 55, 56, 58, 59, 60, 61, 65, 67, 69 |
| Coventry, Town of | Coventry | 12 |
| Cromwell Fire District | Cromwell | 13 |
| Durham, Town of | Durham | 15 |
| East Haddam, Town of | East Haddam | 17 |
| East Hampton, Town of | East Hampton | 18 |
| Hazardville Water Company | East Windsor, Enfield, Somers | 21, 23, 55 |
| Kensington Fire District | Berlin | 3 |
| Lyme, Town of | Lyme | 34 |
| Manchester Water Department | Glastonbury, Manchester, Vernon | 26, 36, 61 |
| Marlborough, Town of | Marlborough | 38 |
| Meriden Water Division | Meriden | 39 |
| Metropolitan District Commission | Bloomfield, East Granby, East Hartford, Farmington, Glastonbury, Hartford, Manchester, Newington, Rocky Hill, South Windsor, West Hartford, Wethersfield, Windsor, Windsor Locks | 5, 16, 19, 25, 26, 31, 36, 45, 53, 56, 63, 66, 68, 69 |
| Middlefield, Town of | Middlefield | 40 |
| Middletown Water Department | Middletown | 41 |
| New Britain Water Department | Berlin, Farmington, New Britain, Newington | 3, 25, 43, 45, 57 |
| Portland Water Department | Portland | 52 |
| South Central Connecticut Regional Water Authority | Bethany, Branford, East Haven, Hamden, Milford, New Haven, North Branford, North Haven, Orange, West Haven, Woodbridge | 4, 7, 20, 30, 42, 44, 46, 47, 50, 64, 70 |
| Southington Water Department | Southington | 57 |
| Tolland Water Department | Tolland | 60 |
| Valley Water Systems | Farmington, Plainville | 25, 51 |
| Wallingford Water Division | Wallingford | 62 |
| Windham Water Works | Mansfield | 37 |
| Worthington Fire District | Berlin | 3 |

# Central Region
# Water Utility Coordinating Committee



**STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES**
**CENTRAL 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 Central Public Water Supply Management Area (PWSMA) is granted the right to request, through a declaration process, its future service area; and

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

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

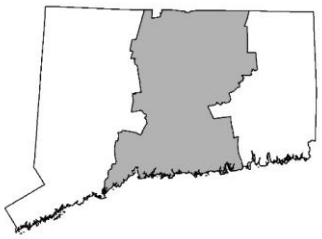
Therefore, the undersigned accepts responsibility for the ESA as recommended by the Central WUCC and will abide by the following provisions:

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 Central WUCC on or prior to May 19, 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 Central 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 Central 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 Central 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.

# Central Region
# Water Utility Coordinating Committee



**STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES**
**CENTRAL 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:

_____

_____

_____

_____

_____

_____

_____

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 5/18/17
Date

Aquarion Water Company
ESA Holder

Representative (Signature)

Donald J. Morrissey
Representative (Print)

Executive Vice President and Chief Financial Officer
Title (Print)

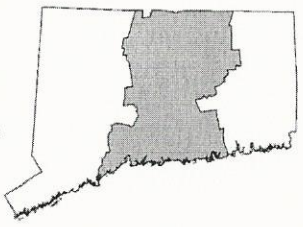
ESA Map Numbers Associated with this Statement of Confirmation: 1, 8, 11, 16, 18, 27, 54

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:

Andover, Canton, Columbia, East Granby, East Hampton, Granby, Simsbury

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/2/2017.
Date

AVON WATER COMPANY
ESA Holder

Robert W. Weswnb
Representative (Signature)

ROBERT W. WESNESKI
Representative (Print)

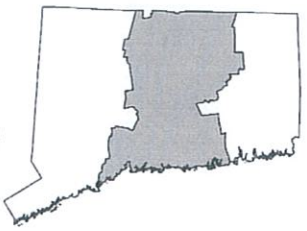
PRESIDENT
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: ESA Fig. 2, 25, 54

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

SEE ATTACHED MAPS

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of MAY 22, 2017.
Date

BERLIN WATER CONTROL COM.
ESA Holder

Ray Jarema
Representative (Signature)

RAY JAREMA
Representative (Print)

MANAGER
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: #3
(TOWN OF BERLIN)

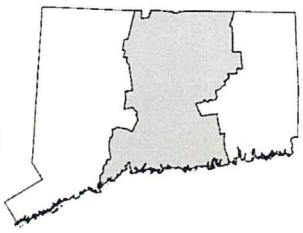
Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:

TOWN CHARTER ASSIGNS THE TOWN OF BERLIN AS THE ESA FOR BERLIN WATER CONTROL COMM. EXCEPT FOR THE KENSINGTON/WORTHINGTON FIRE DISTRICT ASSIGNED SERVICE AREA.

THIS IS CONSISTENT WITH ALL APPROVED WATER SUPPLY PLANS SUBMITTED TO THE STATE.

RJ

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of May 25, 2017 (Date).

Town of Bolton
ESA Holder

Joyce M. Stille
Representative (Signature)

Joyce M. Stille
Representative (Print)

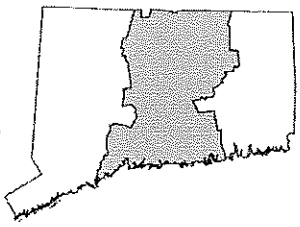
Administrative Officer
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: ESA Map #6

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

The Town of Bolton is the ESA Holder for all the sections noted in purple on ESA Fig. 6 showing the Bolton ESA Declaration.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/1/17 (Date).

Town of Coventry
ESA Holder

[signature]
Representative (Signature)

John A. Elsesser
Representative (Print)

Town Manager
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 12

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

PLEASE SEE ATTACHED PROPERTY DESCRIPTION.

TOWN OF COVENTRY

EXCLUSIVE SERVICE AREA DECLARATION

PROPERTY DESCRIPTION

: 1776 Main Street – Capt. Nathan Hale School

: 78 Ripley Hill Road – Coventry High School

: 1712 Main Street – Coventry Town Hall

~~: 1700 Main Street – Coventry Board of Education~~

: 227 Cross Street – GH Robertson School

: 3453 Main Street – Coventry Grammar School

: 172 Lake Street – Coventry Senior Center

: 172 Lake Street – Patriots Park Community Center

: 1630 Main Street – Coventry Housing Authority

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of May 22, 2017
Date

Cromwell Fire District
ESA Holder

Representative (Signature)

Michael Dagostino
Representative (Print)

Executive Director
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 13

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

The boundaries of the ESA are the same as boundaries of the Town of Cromwell.

# Central Region
# Water Utility Coordinating Committee



**STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES**
**CENTRAL 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)

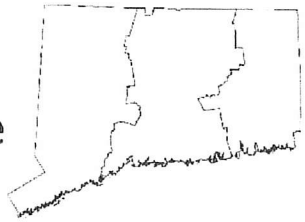
ESA Map Numbers Associated with this Statement of Confirmation:

2, 6, 8, 9, 10, 11, 12, 14, 15, 16,
17, 18, 21, 22, 23, 24, 25,
28, 29, 32, 33, 35, 36, 37, 38, 48,
49, 52, 55, 56, 58, 59, 60, 61,
65, 67, 69

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 Avon, Bolton, Canton, Chester, Clinton, Columbia, Coventry, Deep River, Durham, East Granby, East Haddam, East Hampton, East Windsor, Ellington, Enfield, Essex, Farmington, Guilford, Haddam, Hebron, Killingworth, Madison, Manchester, Mansfield, Marlborough, Old Lyme, Old Saybrook, Portland, Somers, South Windsor, Stafford, Suffield, Tolland, Vernon, Westbrook, Willington, Windsor Locks

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/12/17 (Date).

Town of Durham
ESA Holder

William R Milardo, Jr
Representative (Signature)

William R. Milardo, Jr.
Representative (Print)

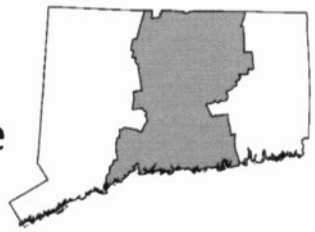
Assistant Health Officer + Durham Water Commission member
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 15

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

The northern 2/3 of the Town of Durham falls within the exclusive service area of the Town of Durham.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of June 15, 2017.
Date

Town of East Haddam
ESA Holder

Representative (Signature)

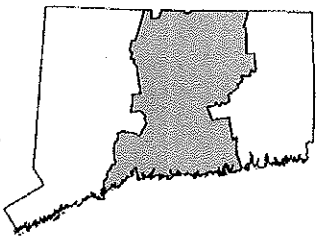
James Ventres
Representative (Print)

Land Use Administrator
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 17

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:
All Sections of East Haddam except areas under control of Conn. Water Company – ie Banner + Lake Hayward Systems

# Central Region
# Water Utility Coordinating Committee



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

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

East Hampton WPCA
ESA Holder

Tim Smith
Representative (Signature)

Tim Smith
Representative (Print)

Public Utilities Administrator
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 18

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

All areas within the Town of East Hampton boundaries, not held by Aquarion Water Company and Connecticut Water Company.

All other Community and Non community systems shown on Map are not part of the East Hampton WPCA ESA.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 5-30-17.
Date

Hazardville Water Company
ESA Holder

Representative (Signature)

Jonathan S. Avery
Representative (Print)

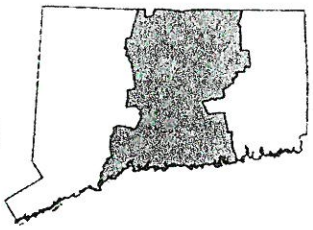
President
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 21, 23, 55

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

East Windsor, Enfield, and Somers.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/14/17 (Date).

Manchester Water Department
ESA Holder

Representative (Signature)

Patrick Kearney
Representative (Print)

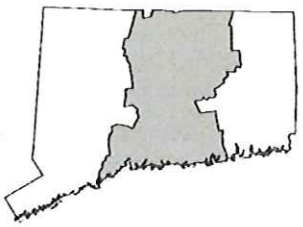
Administrator
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: Map #26, 36, 56 and 61, plus the corrections of existing facilities on maps previously supplied

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

Map 26 shows existing ESA in the Town of Glastonbury as depicted. Map 36 show existing ESA In the Town of Manchester as depicted with minor areas presently serviced by other PWS. Map 56 shows existing ESA in the Town of South Windsor plus an attached map showing the present boundaries of our system. Map 61 shows the existing ESA in the town of Vernon as depicted. These are not changes to the ESA previously granted to the Town of Manchester Water Department.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/13/17.
Date

Town of Marlborough
ESA Holder

Amy Traversa
Representative (Signature)

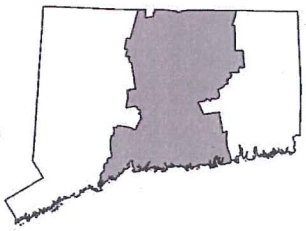
Amy J Traversa
Representative (Print)

First Selectman
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:

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of June 1, 2017.
Date

The Metropolitan District Commission
ESA Holder

Representative (Signature)

Scott Jellison
Representative (Print)

CEO
Title (Print)

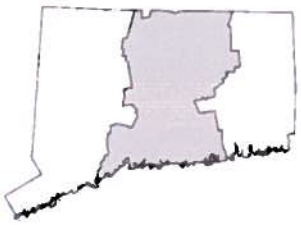
ESA Map Numbers Associated with this Statement of Confirmation: 5, 16, 19, 25, 26, 31, 36, 45 53, 56, 63, 66, 68, 69

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

All of Bloomfield, East Hartford, Hartford, Newington, Rocky Hill, West Hartford, Wethersfield and Windsor.

Portions of East Granby, Farmington, Glastonbury, Manchester, South Windsor and Windsor Locks.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/13/17.
Date

Middletown Water Dept
ESA Holder

Representative (Signature)

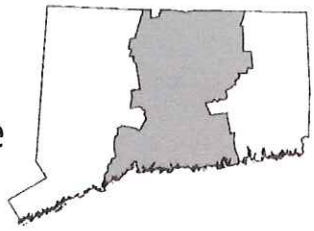
Robert J. Young
Representative (Print)

Acting Director - Water + Sewer Dept
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: #41

Brief description of the ESA shown on the enclosed map(s) for which this Statement of Confirmation applies:
Political Boundaries of the City of Middletown exclusive of the ESA established for the State of Connecticut for the Connecticut Valley Hospital (CVH) and the Juvenile Training Center (JTC).

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/14/17 (Date).

PORTLAND WATER DEPT
ESA Holder

Richard Kelsey
Representative (Signature)

RICHARD KELSEY
Representative (Print)

DIRECTOR OF PUBLIC WKS
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: # 52

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

# Central Region
# Water Utility Coordinating Committee



**STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES**
**CENTRAL 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 Water Authority
ESA Holder

Rose M Gavrilovic
Representative (Signature)

Rose M. Gavrilovic, PE
Representative (Print)

Director of Capital Planning + Delivery
Title (Print)

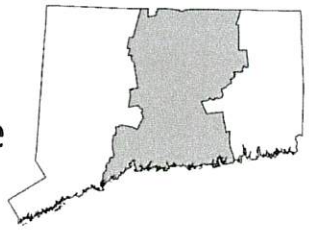
ESA Map Numbers Associated with this Statement of Confirmation:

Maps 4, 7, 20, 30, 42, 44, 46, 47, 50, 64, 70

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

ESA maps include the Towns/Cities of:
Bethany, Branford, East Haven, Hamden, Milford, New Haven, North Branford, North Haven, Orange, West Haven & Woodbridge.

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/12/2017.
Date

Southington Water Department
ESA Holder

Frederick W Rogers
Representative (Signature)

Frederick W. Rogers
Representative (Print)

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:

Unclaimed portion on west side of Southington along Mt Vernon Road.

# Central Region
# Water Utility Coordinating Committee

## STATEMENT OF CONFIRMATION OF EXCLUSIVE SERVICE AREA BOUNDARIES
## CENTRAL PUBLIC WATER SUPPLY MANAGEMENT AREA

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

Town of Tolland, Tolland Water Commission,
Tolland Water Department
ESA Holder

Representative (Signature)

Eugene Koss
Representative (Print)

Chair
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: ESA Figure 60

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

Modification of December 12, 2016 Declaration of Exclusive Service Area proposed by Tolland. This is to change the boundary between Connecticut Water Company and Tolland. The modification is in accord with Tolland's agreement with CWC.

As indicated in March 15, 2017 WUCC Preliminary Recommended Exclusive Service Area Boundaries:

"CWC for areas in the northwestern portion of town and the Tolland Water Department for the remainder of Tolland".

RECEIVED

JUN 14 2017

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of 6/12/17 (Date).

Valley Water Systems
ESA Holder

Representative (Signature)

Donald J. E. Vaughan
Representative (Print)

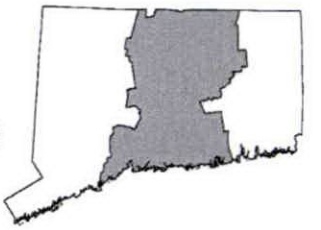
President
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 25, 51

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

Plainville and portions of Farmington and Southington

# Central Region
# Water Utility Coordinating Committee



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

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

Wallingford Water Division
ESA Holder

Neil H. Amwake
Representative (Signature)

Neil H. Amwake
Representative (Print)

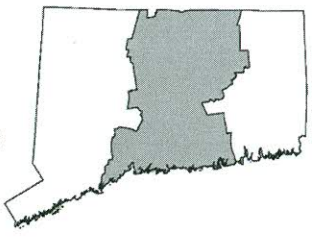
General Manager
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: 62

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

Congruent with the Town's Boundary

# Central Region
# Water Utility Coordinating Committee



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

The undersigned ESA holder has executed this Statement of Confirmation as of June 12, 2017.
Date

Windham Water Works
ESA Holder

J.M. Callahan
Representative (Signature)

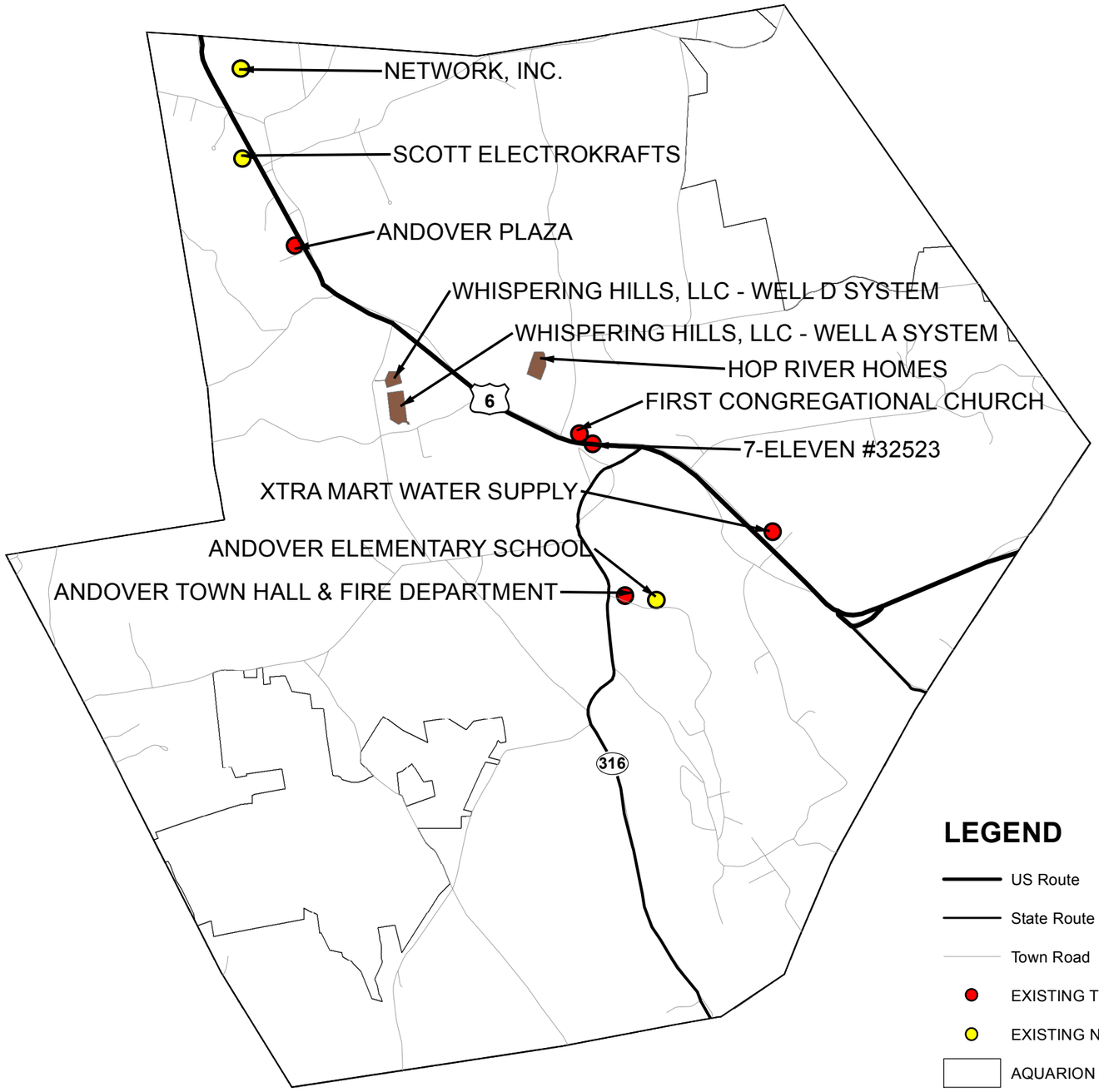
JOHN MICHAEL CALLAHAN
Representative (Print)

CHAIRMAN, WATER COMMISSION
Title (Print)

ESA Map Numbers Associated with this Statement of Confirmation: #37

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

Portion of Southern Mansfield




## 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)
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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

REVISIONS

| DESCRIPTION | DATE | BY |
|---|---|---|
| Legend update | 5/4/2017 | SJB |
| Removed DEEP Lands | 05/24/2017 | MER |

**Andover ESA Declaration**

**For Andover ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Andover, CT

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

SCALE: 1:36,000

DATE: MARCH 15, 2017

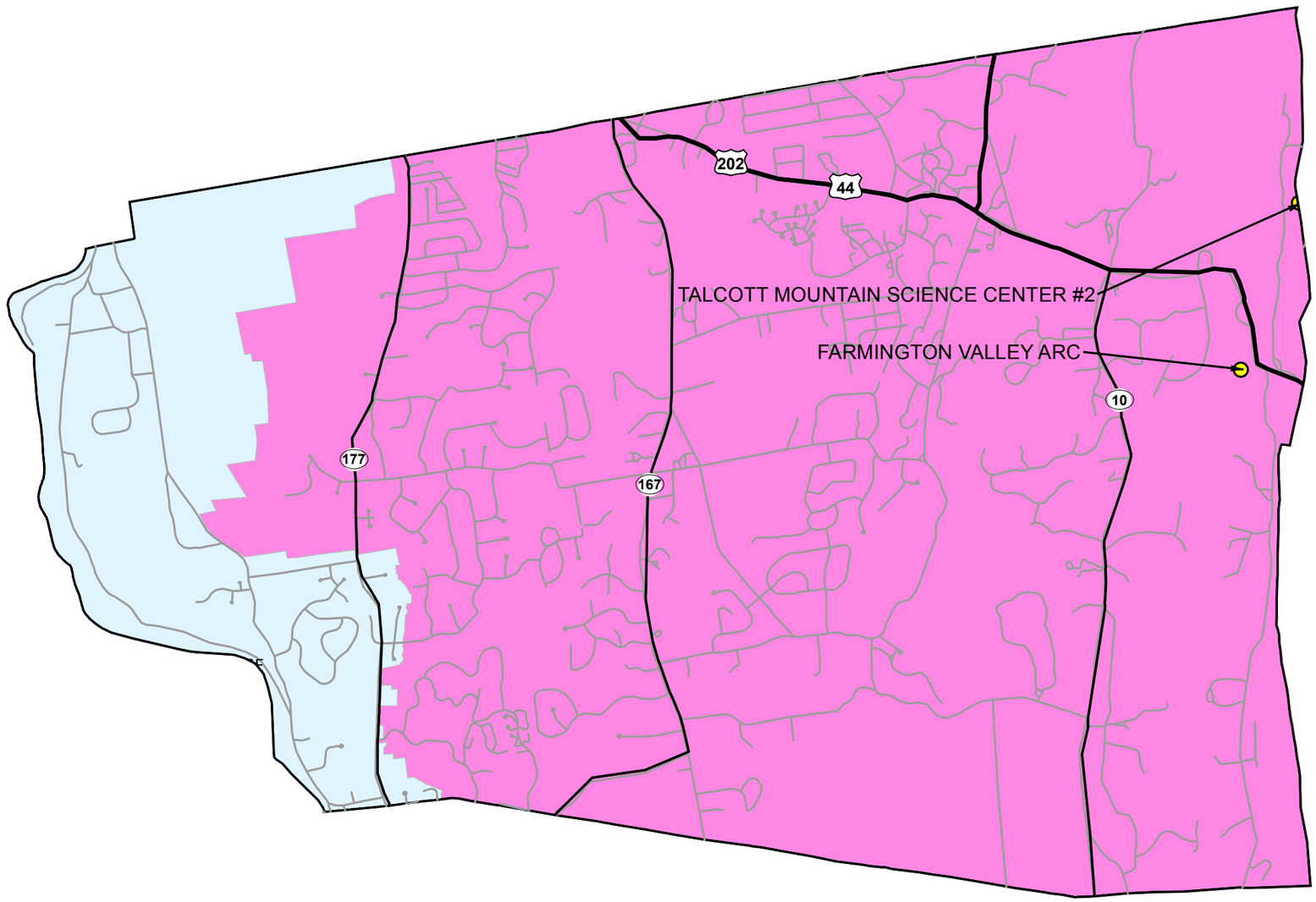
PROJECT NO.: 1017-05-04

**ESA Fig. 1**

SHEET NAME

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M:\MM\2017\1017-05-04\Maps\ESA Maps\1017-05-04_Andover_ESA_Declaration_Fig1_updated2.mxd




**LEGEND**

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- AVON WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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0 2,400
Feet

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

| REVISIONS | | |
|---|---|---|
| DESCRIPTION | DATE | BY |
| Correct Avon ESA | 04/28/2017 | SJB |

**Avon ESA Declaration**

**For Avon ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Avon, CT

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

SCALE: 1:42,000

DATE: MARCH 15, 2017

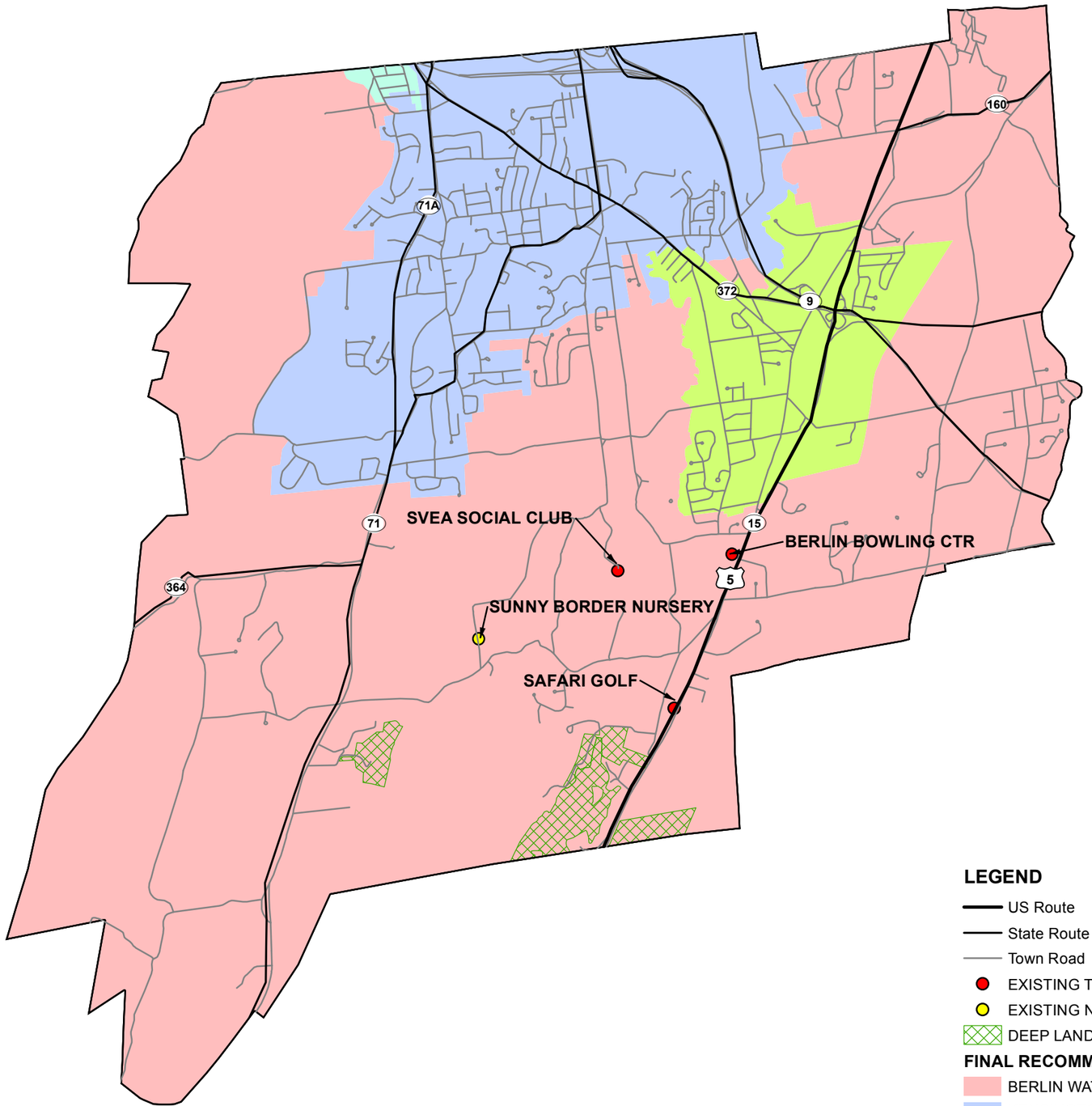
PROJECT NO.: 1017-05-04

**ESA Fig. 2**

SHEET NAME

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## 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

**FINAL RECOMMENDED EXCLUSIVE SERVICE AREAS**

- BERLIN WATER CONTROL COMMISSION (CLEAR)
- KENSINGTON FIRE DISTRICT
- NEW BRITAIN WATER DEPARTMENT
- WORTHINGTON FIRE DISTRICT

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Legend, label updates | 5/4/2017 | SJB |

**Berlin ESA Declaration**

**For Berlin ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Berlin, CT

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

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DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04

**ESA Fig. 3**
SHEET NAME

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**LEGEND**

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

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|---|---|---|
| Removed DEEP Lands | 5/23/2017 | MER |

**Bethany ESA Declaration**

**For Bethany ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Bethany, CT

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

SCALE: 1:42,000

DATE: MARCH 15, 2017

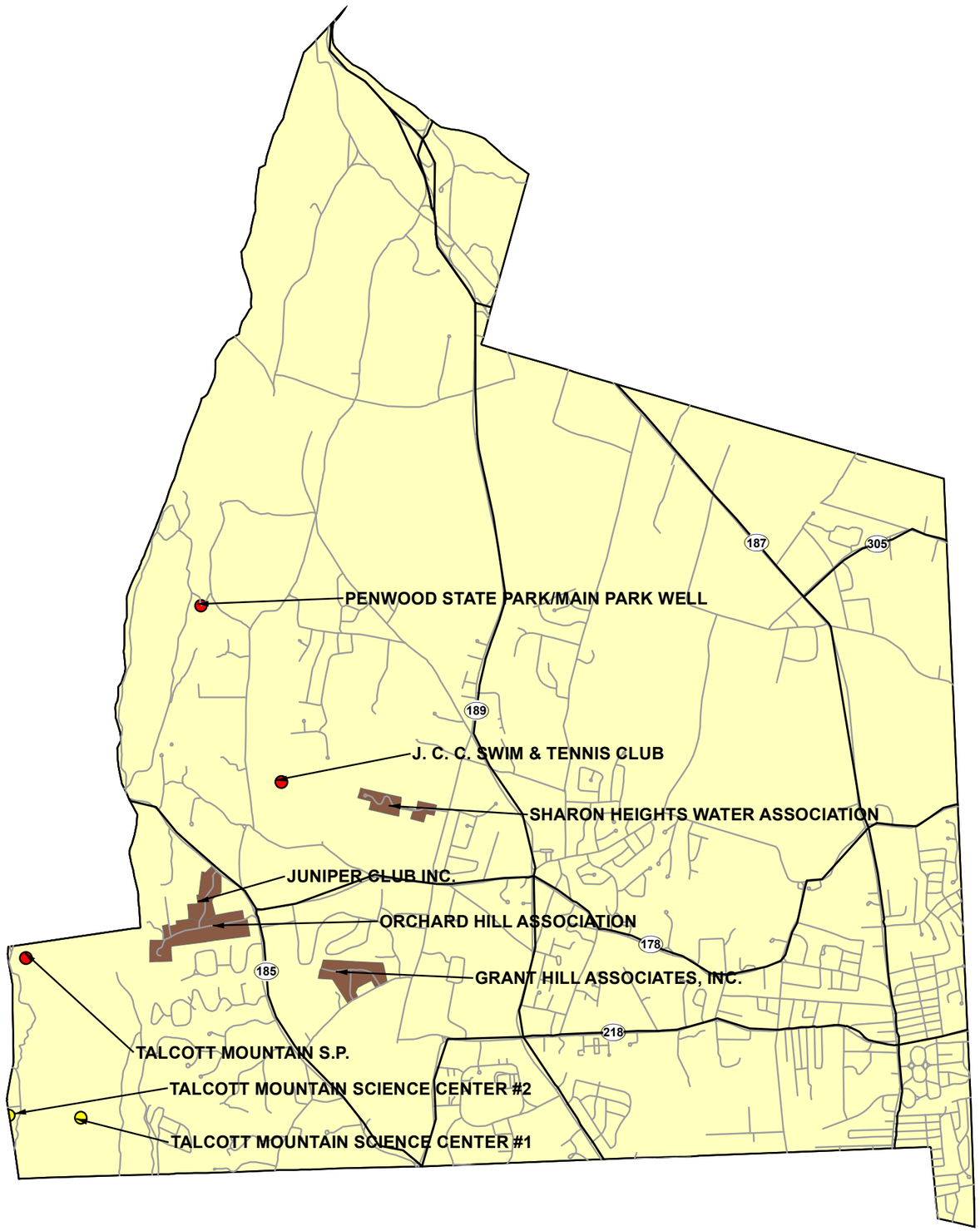
PROJECT NO.: 1017-05-04

**ESA Fig. 4**

SHEET NAME

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## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

**Bloomfield ESA Declaration**
**For Bloomfield ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Bloomfield, CT

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

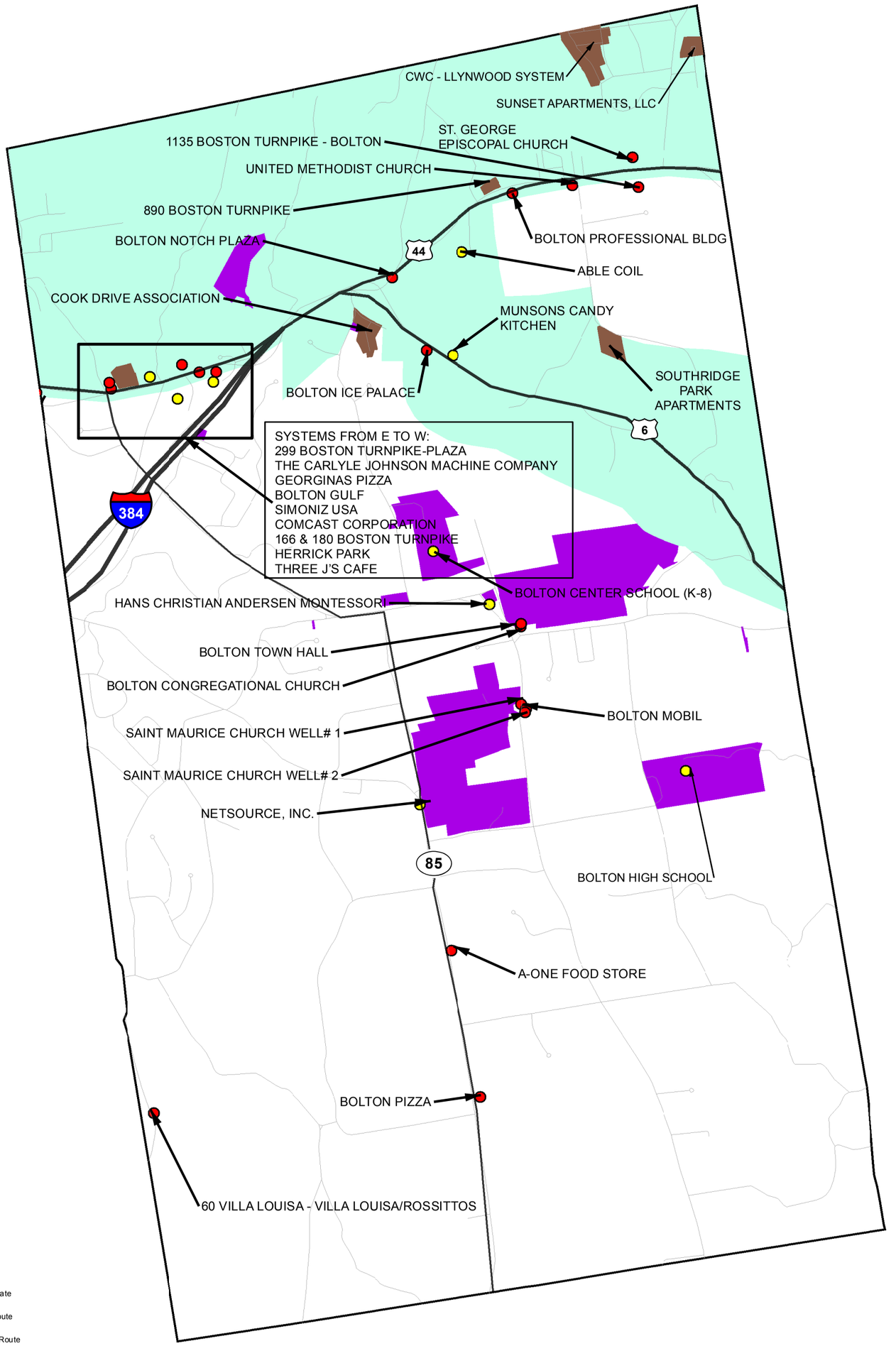
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DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04

**ESA Fig. 5**
SHEET NAME

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## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- TOWN OF BOLTON FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- EXCLUSIVE SERVICE AREA UNASSIGNED (CLEAR)
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

SHEET NAME: **ESA Fig. 6**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

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**Bolton ESA Declaration**

**For Bolton ESA Boundary Delineation**
**Central PWSMA**

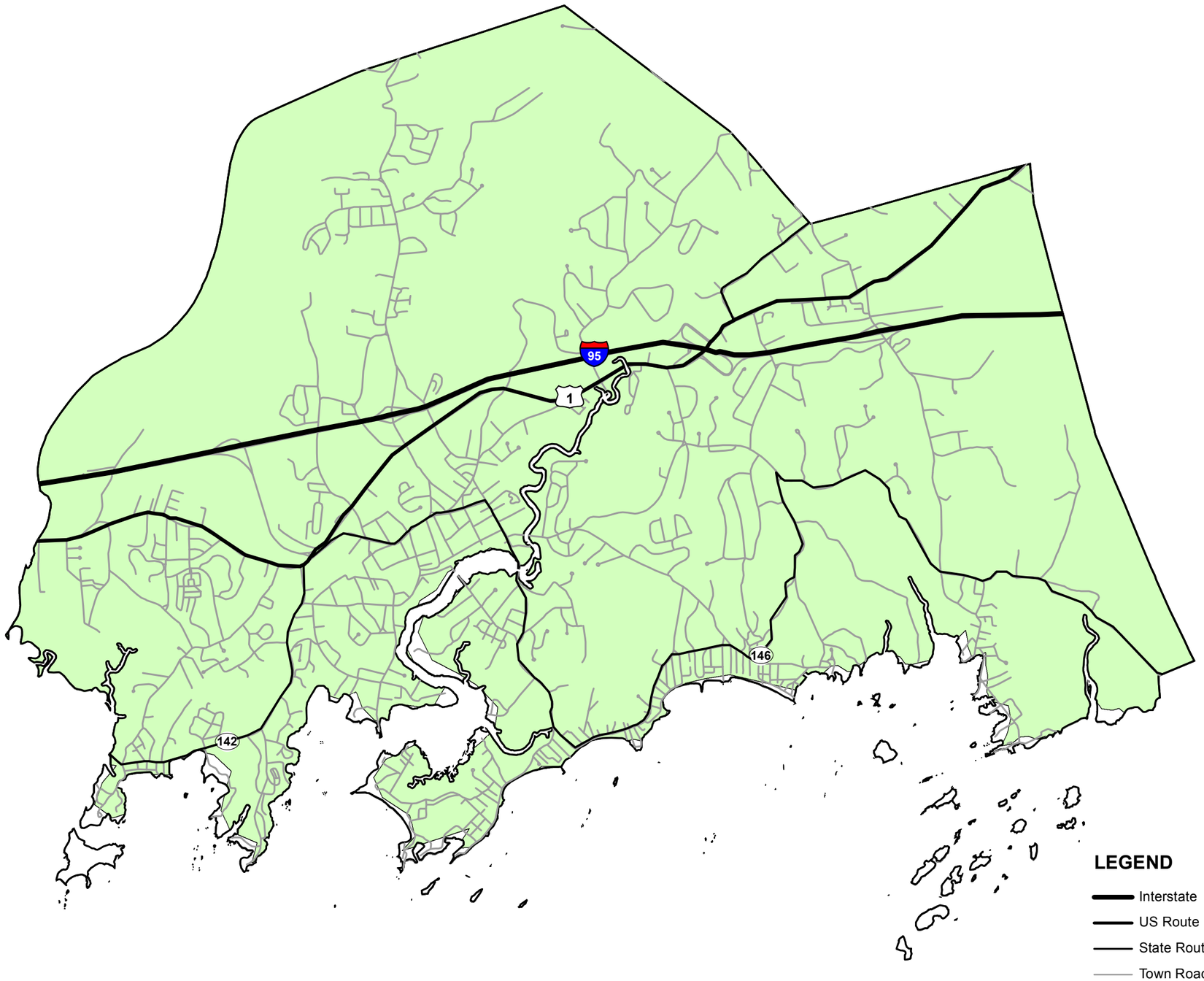
Central WUCC
Bolton, CT

**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Center School location | 4/28/2017 | SJB |
| Remove Aquarion ESA | 5/4/2017 | SJB |
| Legend updates | 5/4/2017 | SJB |
| Additional CWC ESA | 5/9/2017 | SJB |

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXCLUSIVE SERVICE AREA UNASSIGNED
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

**Branford ESA Declaration**

**For Branford ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Branford, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

SCALE: 1:42,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

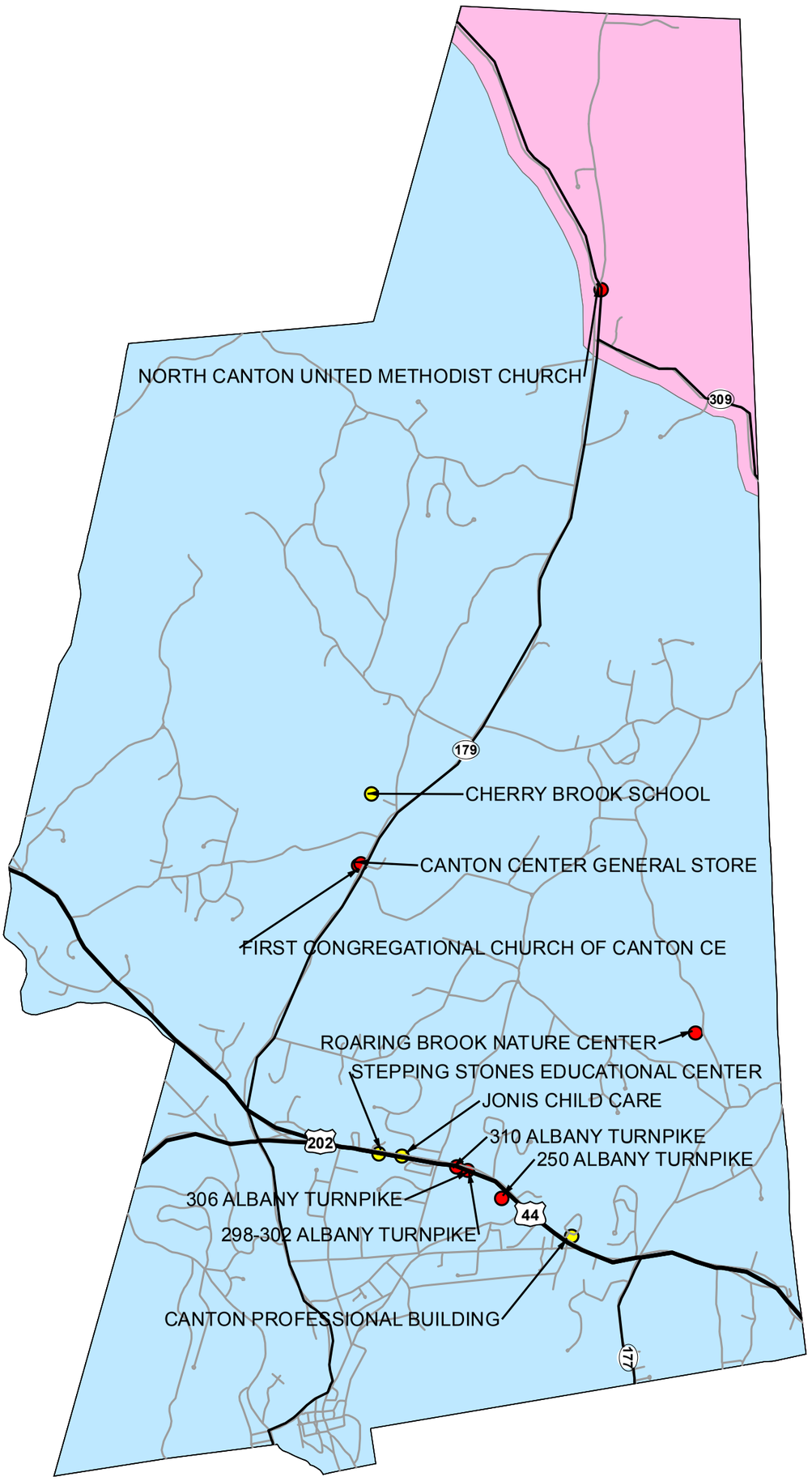
**ESA Fig. 7**

SHEET NAME

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MXD: V:\1017-05\GIS\MapFiles\ESA maps\individual towns\General\No_DEEP\8_Canton.mxd




## 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
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

SHEET NAME: **ESA Fig. 8**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

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DRAWN: MER
CHECKED: SJB

**Canton ESA Declaration**

**For Canton ESA Boundary Delineation**
**Central PWSMA**

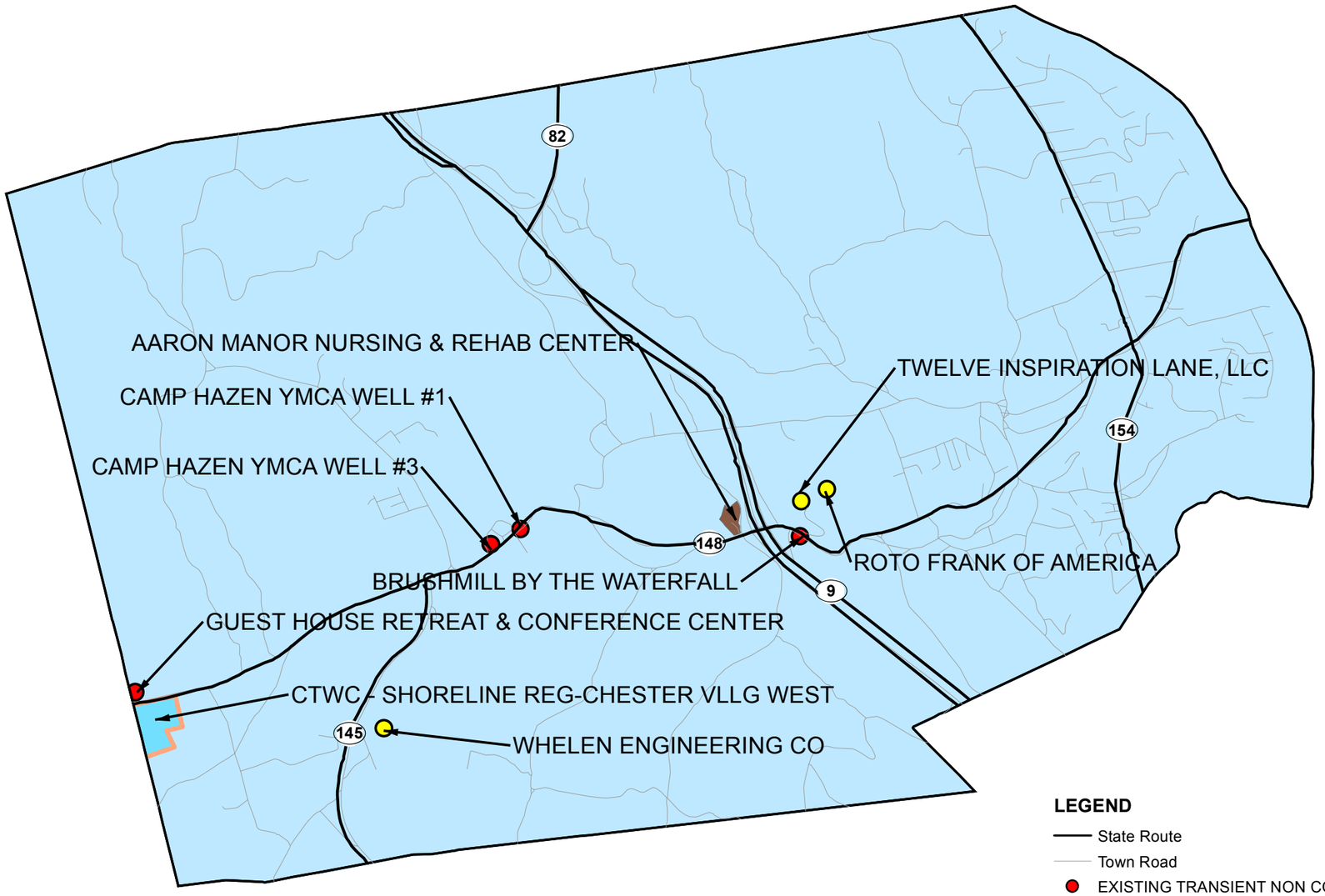
Central WUCC
Canton, CT

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**LEGEND**

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

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**Chester ESA Declaration**

**For Chester ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Chester, CT

| SJB | MER | SJB |
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DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

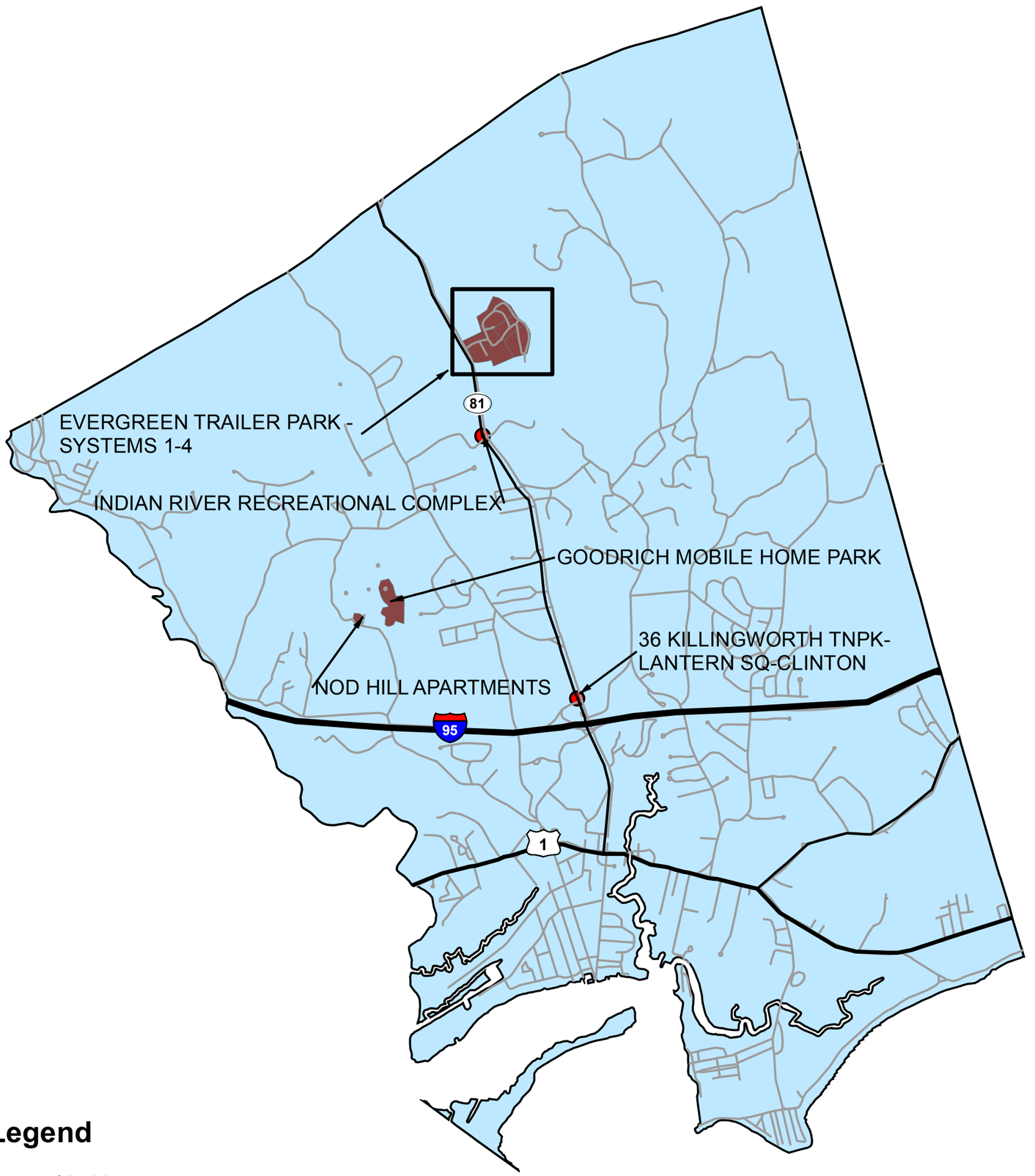
**ESA Fig. 9**

SHEET NAME

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## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

**ESA Fig. 10**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

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**Clinton ESA Declaration**

**For Clinton ESA Boundary Delineation**
**Central PWSMA**

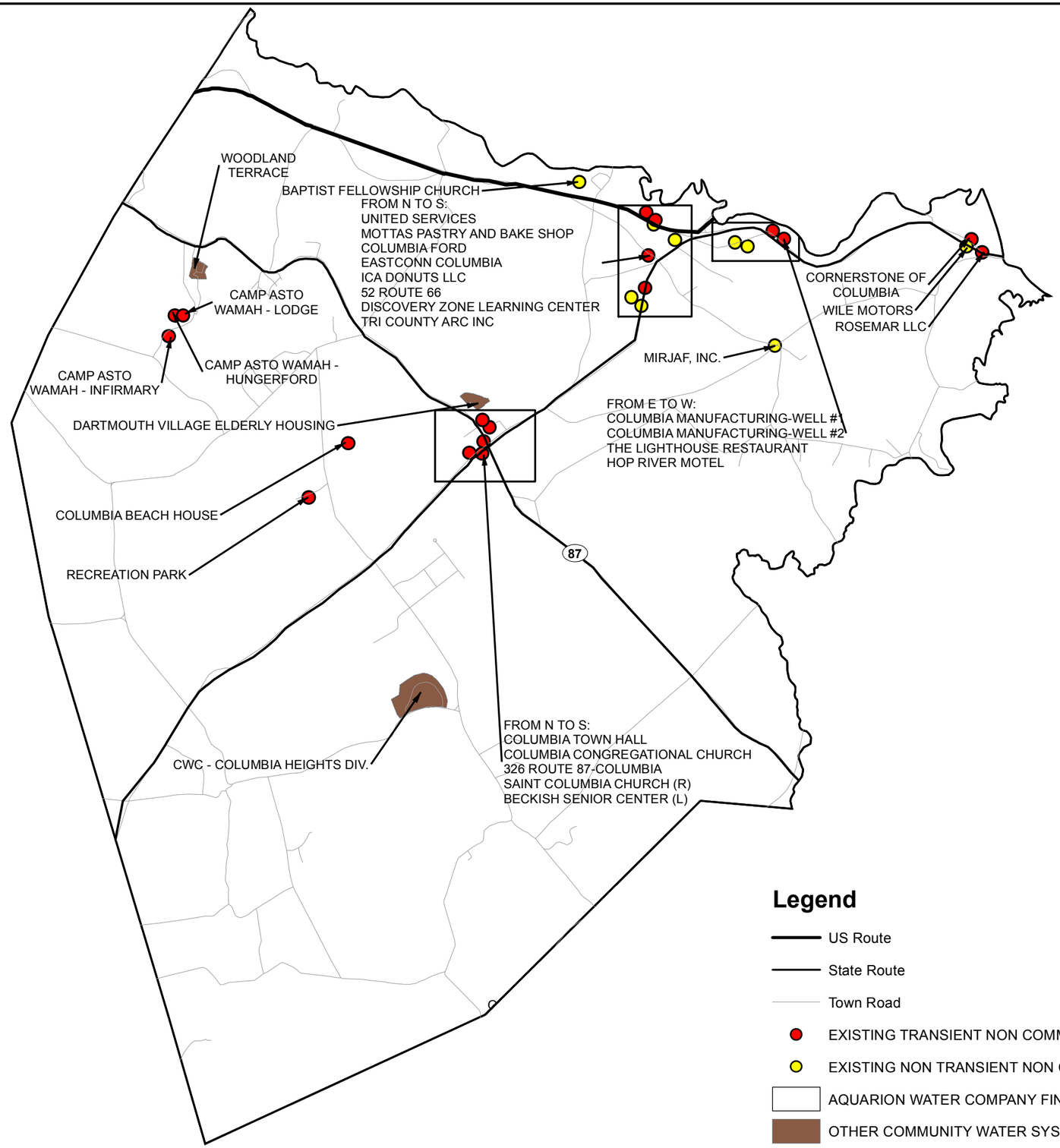
Central WUCC
Clinton, CT

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## 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)
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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| Label / legend updates | 5/4/2017 | SJB |

Columbia ESA Declaration

For Columbia ESA Boundary Delineation
Central PWSMA

Central WUCC
Columbia, CT

| SJB | MER | SJB |
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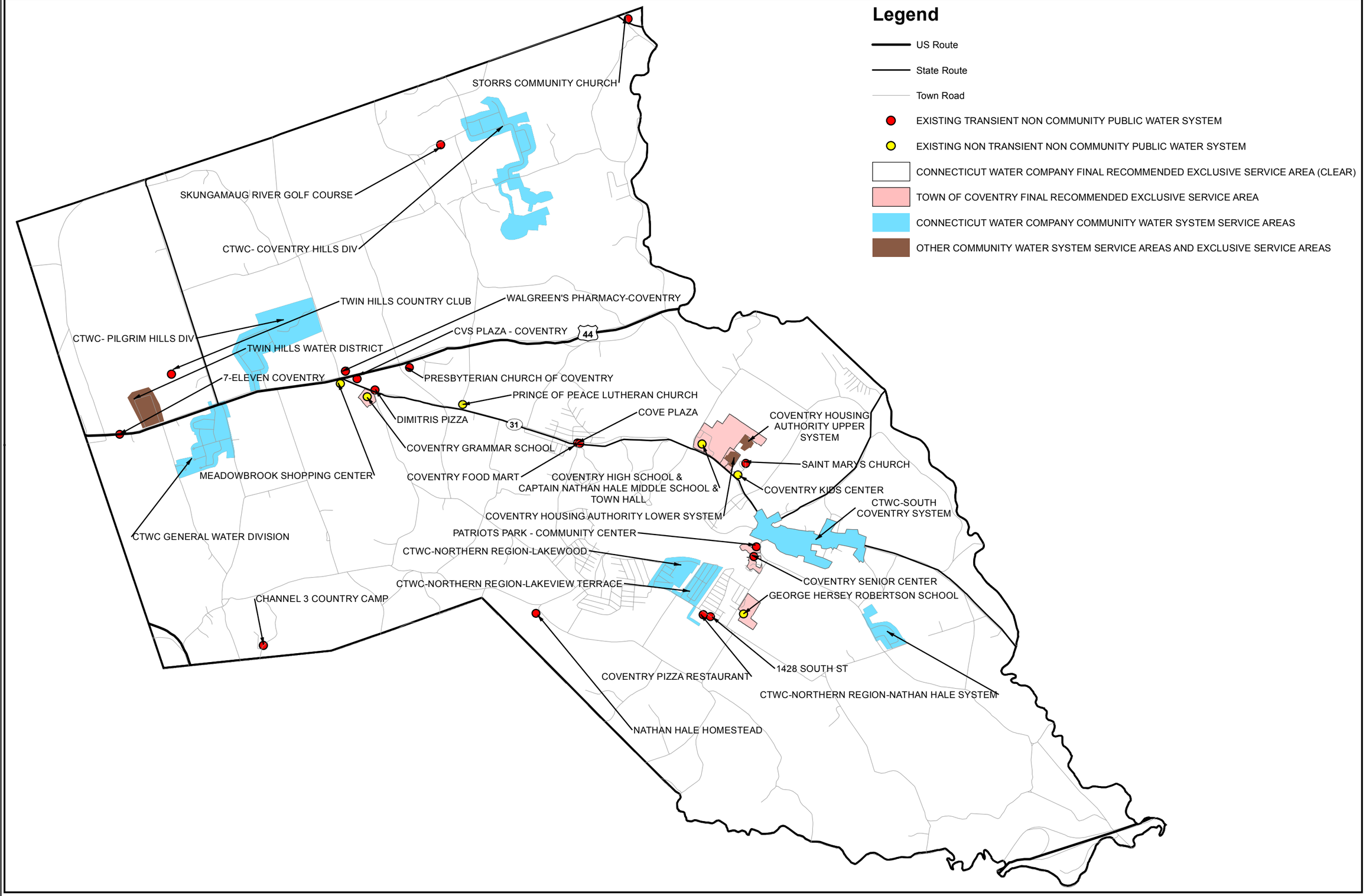
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**ESA Fig. 11**

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## Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- TOWN OF COVENTRY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREAS
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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|---|---|---|
| NTNC location / labels | 04/28/2017 | SJB |
| Legend updates | 5/4/2017 | SJB |
| Label updates | 6/12/2017 | SJB |

**Coventry ESA Declaration**

**For Coventry ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Coventry, CT

| SJB | MER | SJB |
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DATE: MARCH 15, 2017

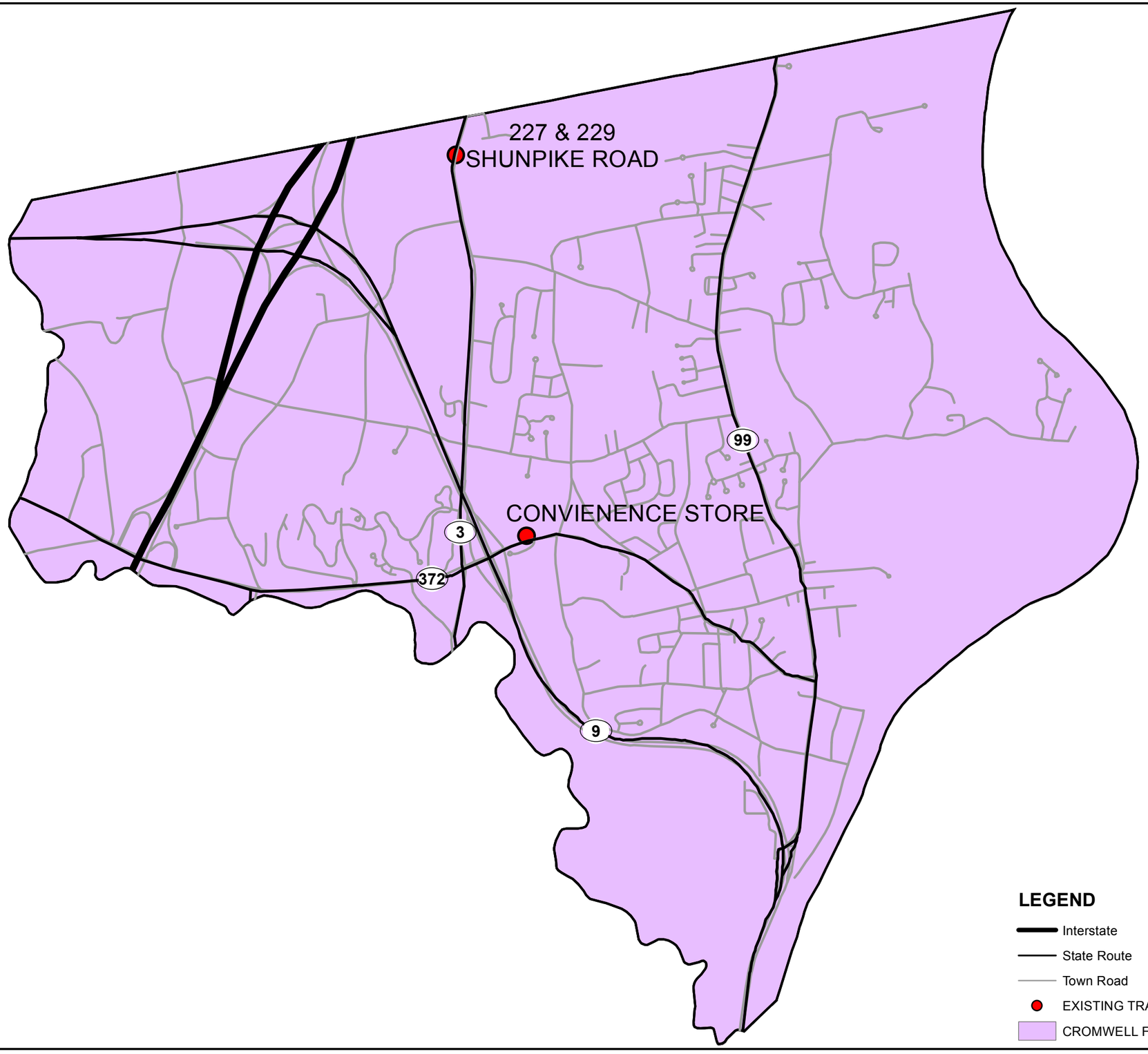
PROJECT NO.: 1017-05-04

**ESA Fig. 12**

SHEET NAME

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|---|---|---|
| New TNC System | 04/28/2017 | SJB |

**Cromwell ESA Declaration**

**For Cromwell ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Cromwell, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

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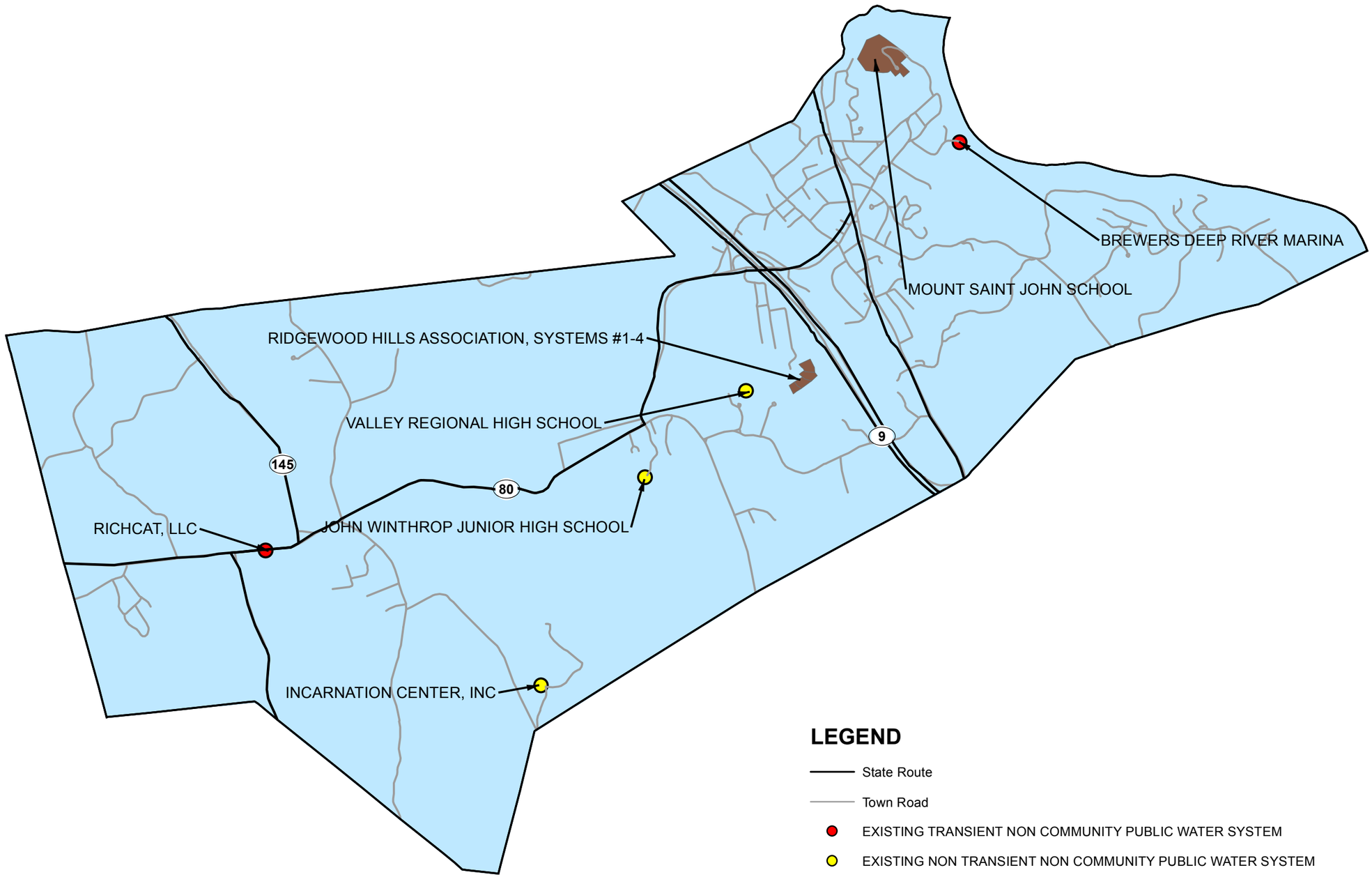
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 13**

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## LEGEND

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

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**Deep River ESA Declaration**

**For Deep River ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Deep River, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

SCALE: 1:36,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 14**

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User: mrobertson
Path: K:\Projects\1017-05\Maps\ESA Maps\ESA Fig 14 Deep River.mxd

LINOS MARKET

FROM N TO S:
FAS MART #313
CITIZENS BANK- DURHAM
DURHAM COMMONS
CAROLYN ADAMS COUNTRY BARN
ADAM'S COMMONS LLC
THE LNJS REALTY FAMILY LTD PARTNERSHIP
GRIPPOS MOBILE SERVICE CENTER
325 MAIN STREET

COOPER INSTRUMENT CORPORATION

DURHAM COMMONS

157

COMMERCE CIRCLE ASSOC

CAMP FARNAM

HOBSON MOTZER, INC.

THE UNITED CHURCHES OF DURHAM - CHURCH

STONEGATE SPRINGS

THE UNITED CHURCHES OF DURHAM- HALL

238 MAIN STREET

MORGAN AM&T - BUILDING #1

DURHAM ELDERLY HOUSING DIVISION

68

DURHAM MANUFACTURING COMPANY

DD DURHAM

DURHAM CENTER DIVISION

REGIONAL SCHOOL DIST #13 CONSOLIDATION

TIME OUT TAVERNE

45R OZICK DRIVE - UNIT 18-R

17

DURHAM LEXINGTON PLACE DIVISION

FREDERICK BREWSTER SCHOOL

79

77

NEW HAVEN RACOON CLUB

TWIN MAPLES NURSING HOME

459 MADISON RD

980 NEW HAVEN ROAD - DURHAM

1041 NEW HAVEN ROAD - DURHAM

BLUE TRAILS WATER ASSOCIATION

**LEGEND**

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- TOWN OF DURHAM FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- DURHAM CENTER DIVISION SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

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**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 06/23/2017 | MER |

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**Durham ESA Declaration**
**For Durham ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Durham, CT

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

SCALE: 1:36,000

DATE: MARCH 15, 2017

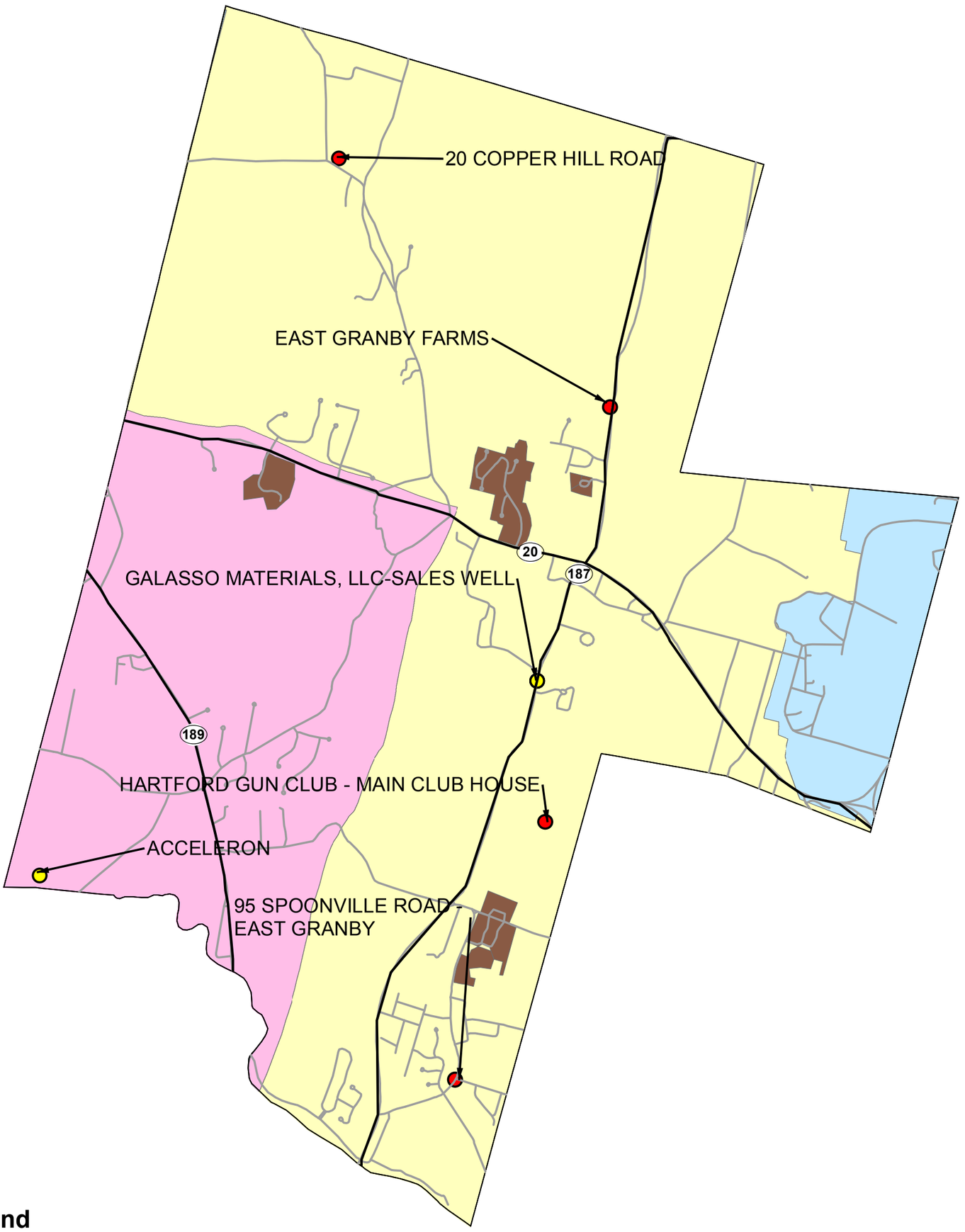
PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 15**

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MXD: V:\1017-05\GIS\MapFiles\ESA maps\dwl town\GeneralNo_DEEP\ESA_East Granby.mxd




## 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
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

**ESA Fig. 16**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

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DESIGNED SJB

DRAWN MER

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**East Granby ESA Declaration**

**For East Granby ESA Boundary Delineation**
**Central PWSMA**

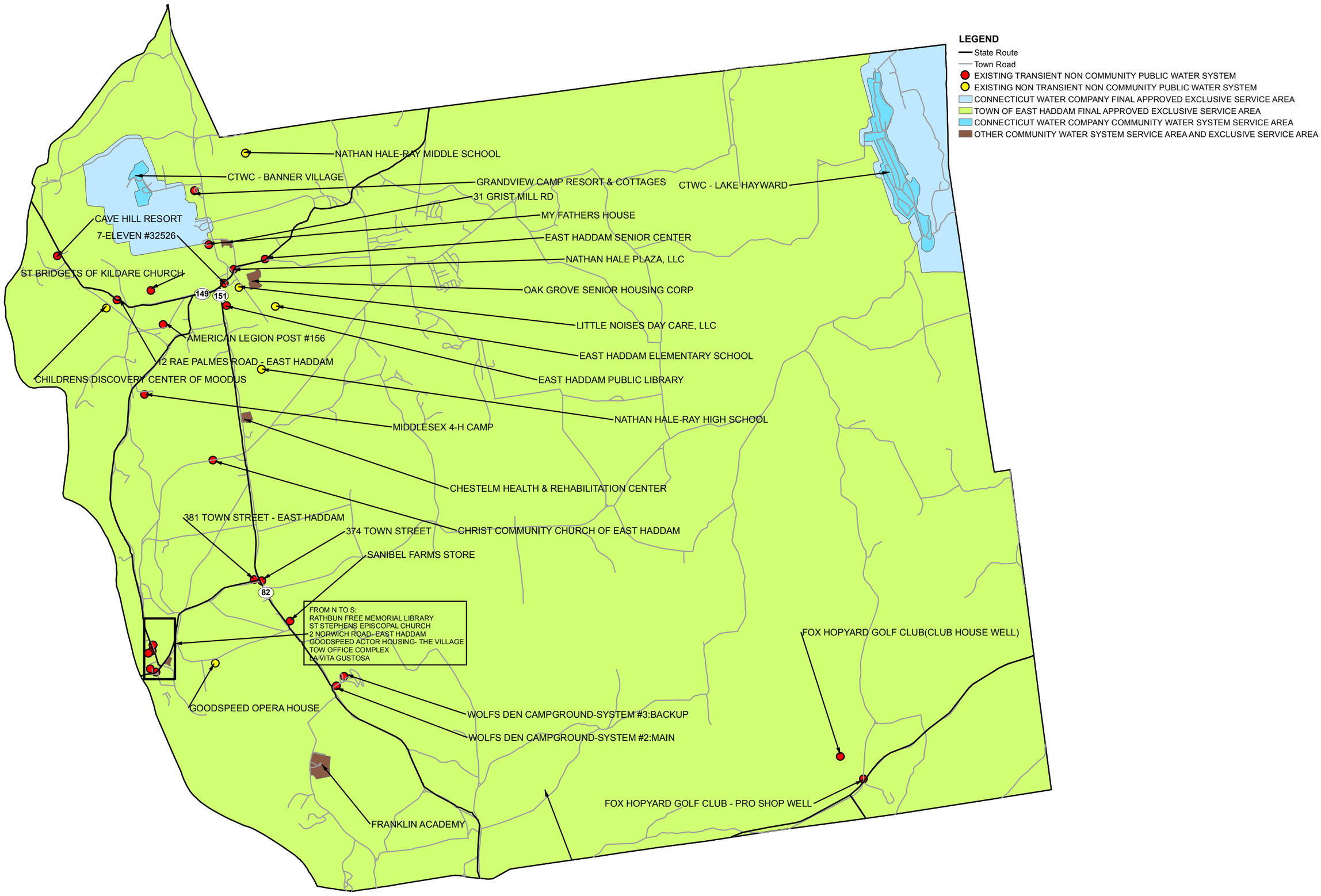
Central WUCC
East Granby, CT

**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

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| Removed DEEP Lands | 05/24/2017 | MER |

East Haddam ESA Declaration

For East Haddam ESA Boundary Delineation
Central PWSMA

Central WUCC
East Haddam, CT

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

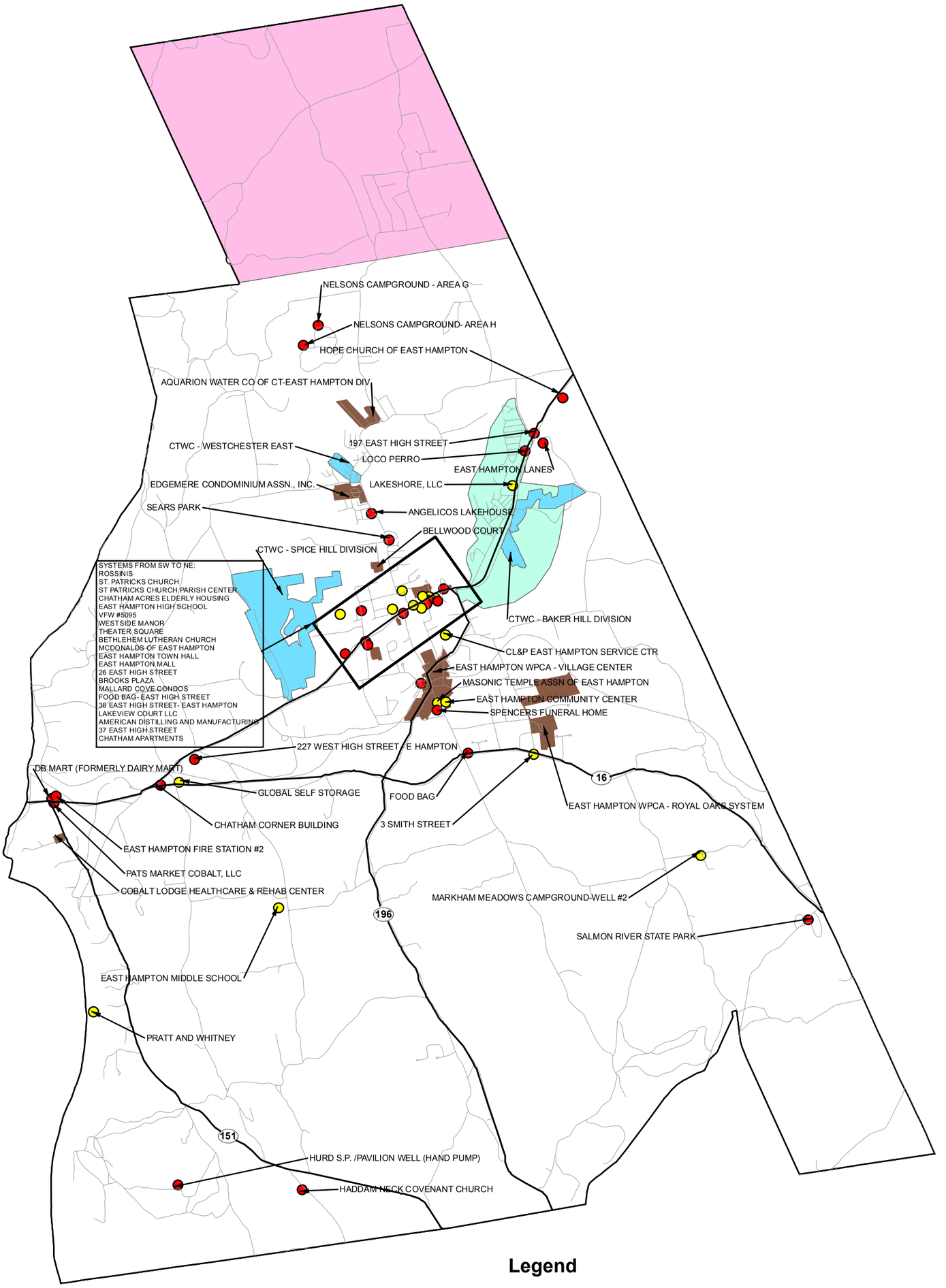
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DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 17

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SHEET NAME: **ESA Fig. 18**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

SCALE: 1:48,000

DESIGNED: SJB
DRAWN: MER
CHECKED: SJB

**East Hampton ESA Declaration**

**For East Hampton ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
East Hampton, CT

| REVISIONS | | |
|---|---|---|
| DESCRIPTION | DATE | BY |
| Correct legend | 04/28/2017 | SJB |

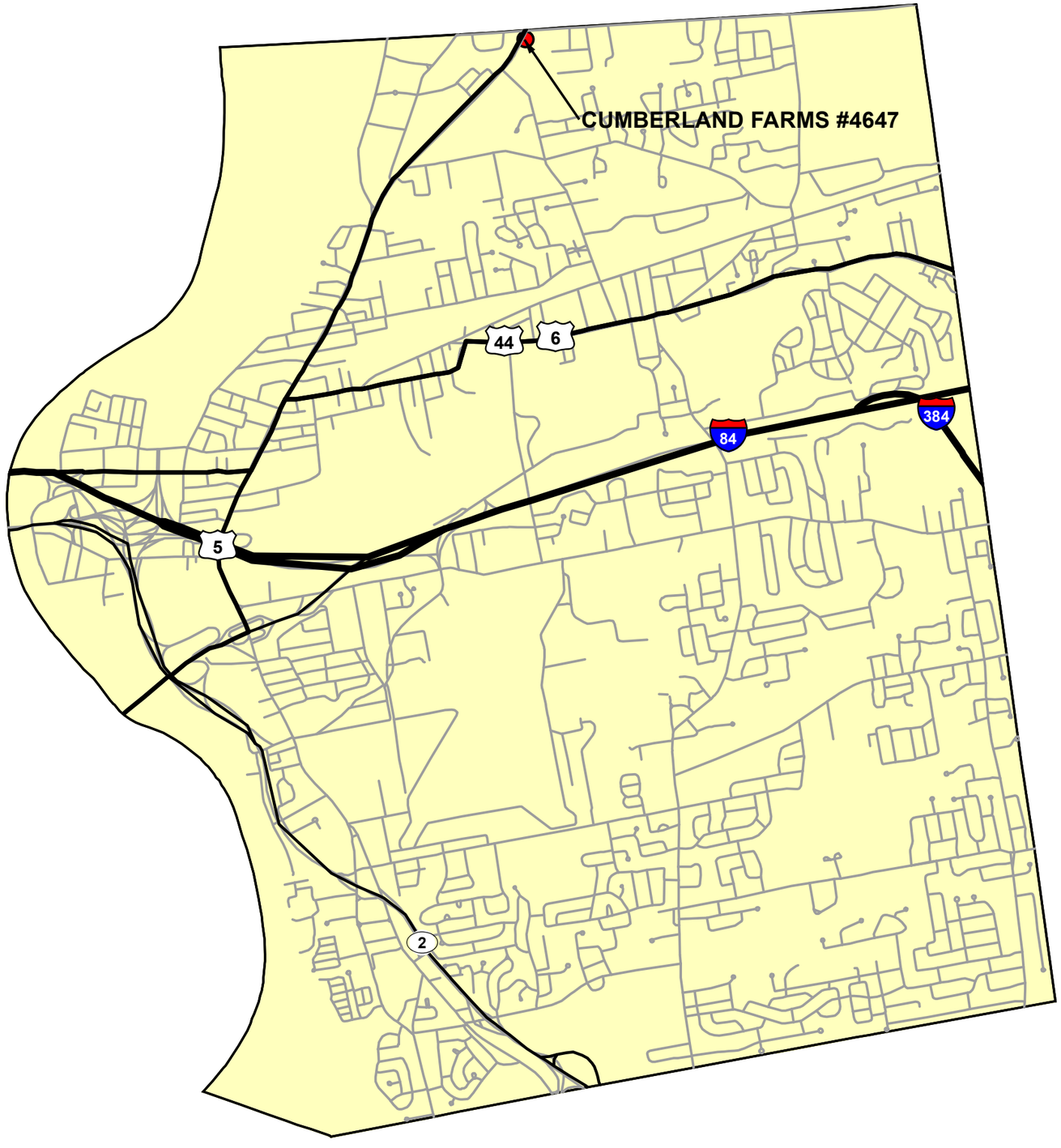

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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| Removed DEEP Lands | 05/24/2017 | MER |

East Hartford ESA Declaration

For East Hartford ESA Boundary Delineation
Central PWSMA
Central WUCC
East Hartford, CT

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

SCALE: 1:36,000

DATE: MARCH 15, 2017

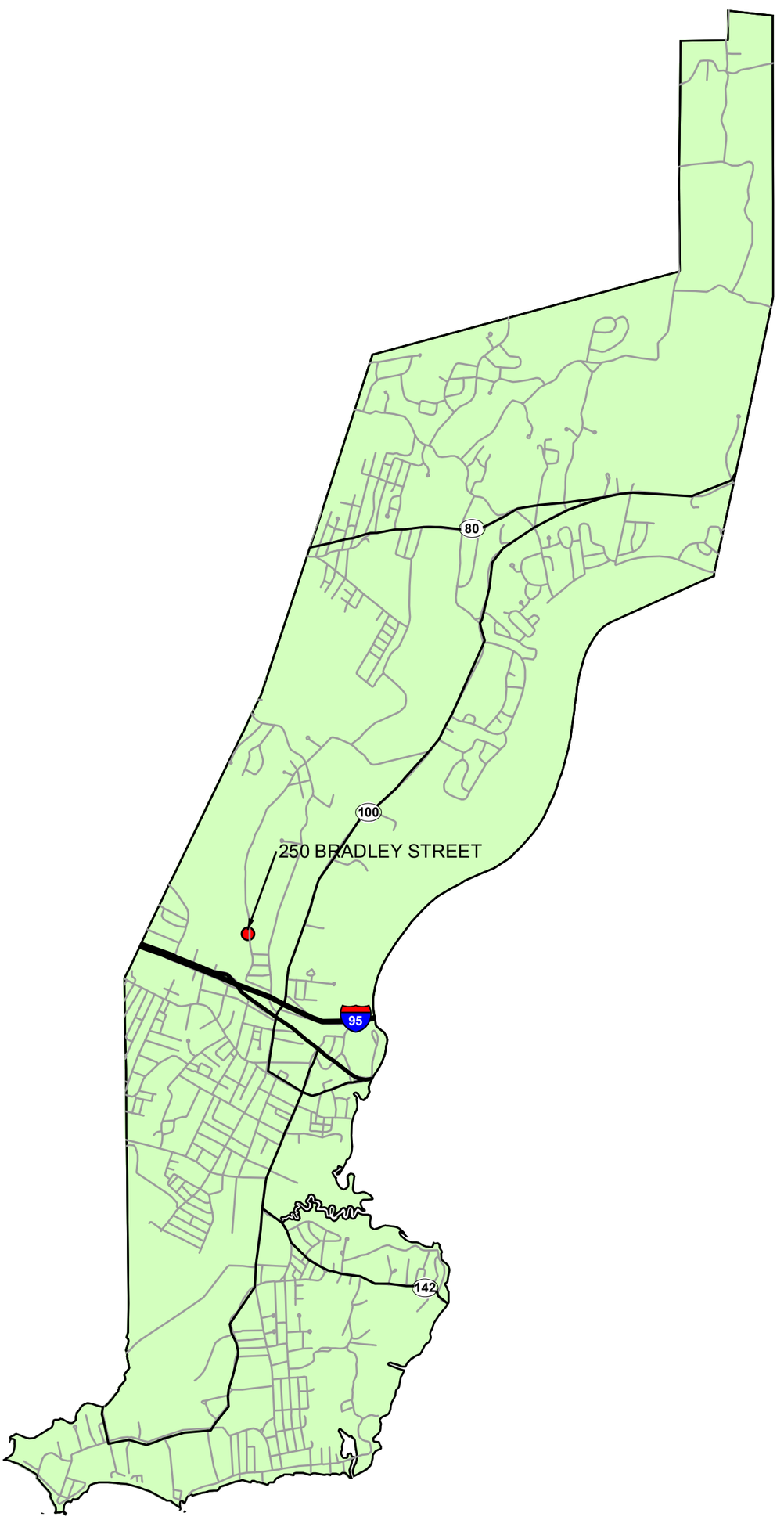
PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 19

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MXD: V:\1017-05\GIS\Maps\ESA maps\Individual towns\General\No_DEEP\20_East Haven.mxd




## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 20**

PROJECT NO. 1017-05-04
DATE MARCH 15, 2017
SCALE 1:42,000
DESIGNED SJB
DRAWN MER
CHECKED SJB

**East Haven ESA Declaration**

**For East Haven ESA Boundary Delineation**
**Central PWSMA**

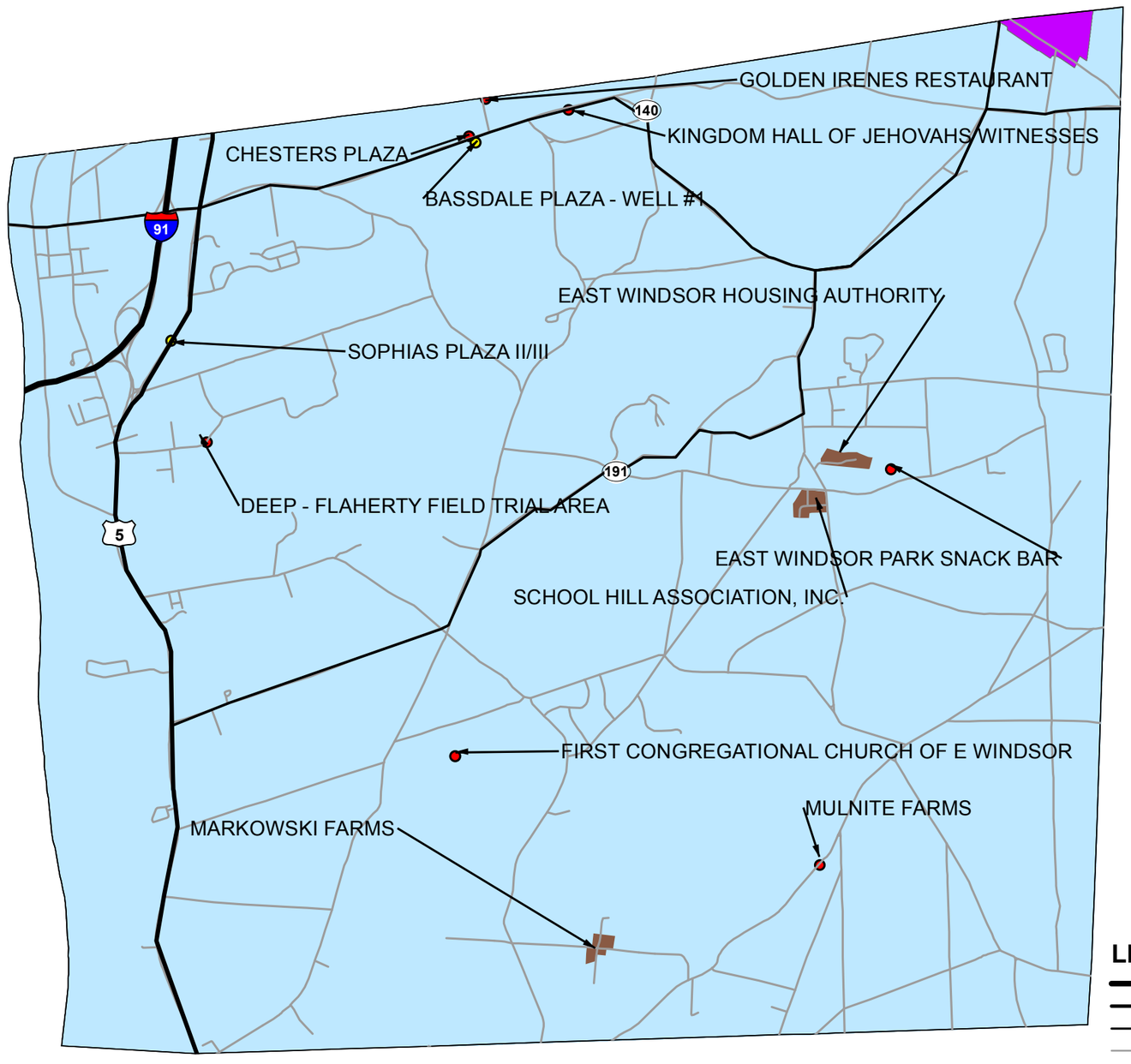
Central WUCC
East Haven, CT

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|---|---|---|
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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- HAZARDVILLE WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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East Windsor ESA Declaration

For East Windsor ESA Boundary Delineation
Central PWSMA

Central WUCC
East Windsor, CT

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

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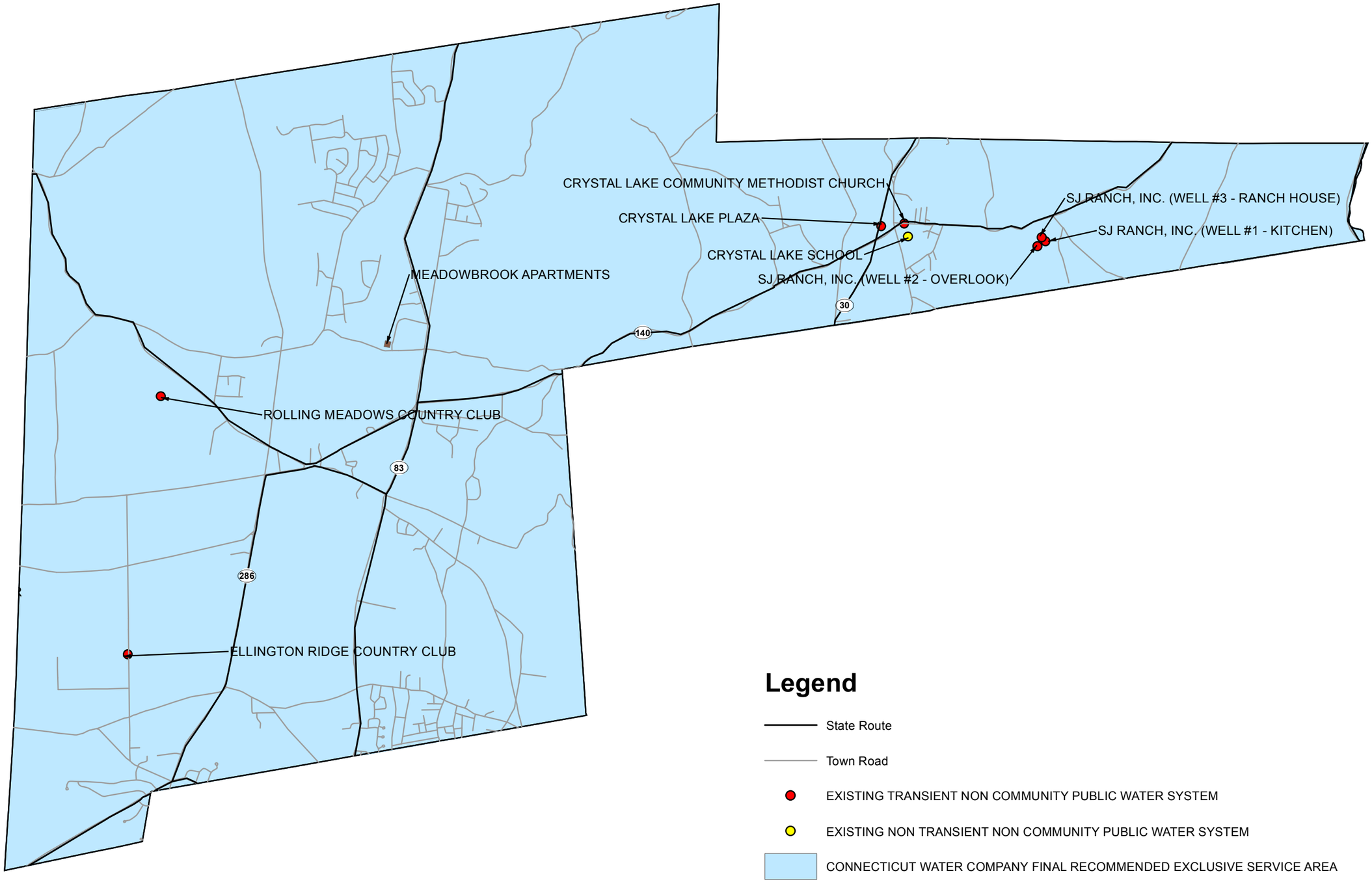
DATE MARCH 15, 2017

PROJECT NO. 1017-05-04

SHEET NAME ESA Fig. 21

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## Legend

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

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Ellington ESA Declaration

For Ellington ESA Boundary Delineation
Central PWSMA

Central WUCC
Ellington, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

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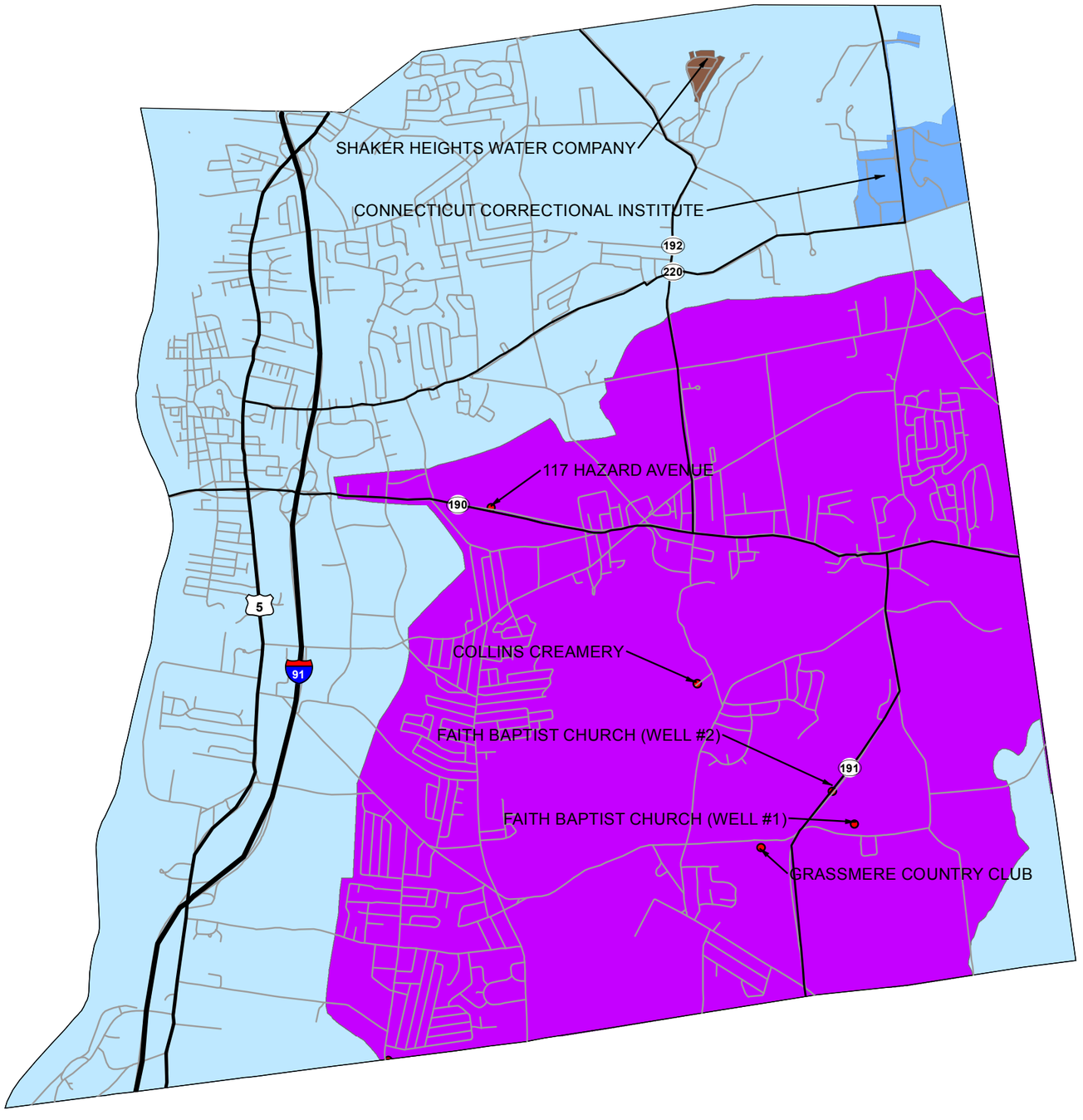
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 22

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**LEGEND**

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- STATE AGENCY EXISTING SERVICE AREA
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- HAZARDVILLE WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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|---|---|---|
| Removed DEEP Lands | 05/23/17 | MER |

**Enfield ESA Declaration**

**For Enfield ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Enfield, CT

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

SCALE: 1:50,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

**ESA Fig. 23**

SHEET NAME

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HERITAGE COVE CONDOMINIUMS

SHORELINE PROFESSIONAL CENTER

MEADOWBROOK MANOR LLC

HEMLOCK APARTMENTS

L.C. DOANE CO.

BOLDERDASH

KINDERCARE OF ESSEX

## LEGEND

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

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Essex ESA Declaration

For Essex ESA Boundary Delineation
Central PWSMA

Central WUCC
Essex, CT

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SHEET NAME: ESA Fig. 24

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RIVERFRONT MINIATURE GOLF, INC.

FARMINGTON POLO GROUNDS

FARMINGTON CLUB

WINDING TRAILS RECREATION ASSN - LOWER

WINDING TRAILS RECREATION ASSN - UPPER

1097 FARMINGTON AVENUE

FARMINGTON FIELD CLUB

177

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## Legend

- Interstate
- US Route
- State Route
- Town Roads
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM

**FINAL RECOMMENDED EXCLUSIVE SERVICE AREAS**

- AVON WATER COMPANY
- CONNECTICUT WATER COMPANY (CLEAR)
- METROPOLITAN DISTRICT COMMISSION
- NEW BRITAIN WATER DEPARTMENT

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|---|---|---|
| Show Avon WC ESA | 04/28/2017 | SJB |
| New TNC, label updates | 5/11/2017 | SJB |
| MDC Service Area | 5/31/2017 | SJB |

**Farmington ESA Declaration**

**For Farmington ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Farmington, CT

| DESIGNED | DRAWN | CHECKED |
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| SJB | MER | SJB |

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DATE: MARCH 15, 2017

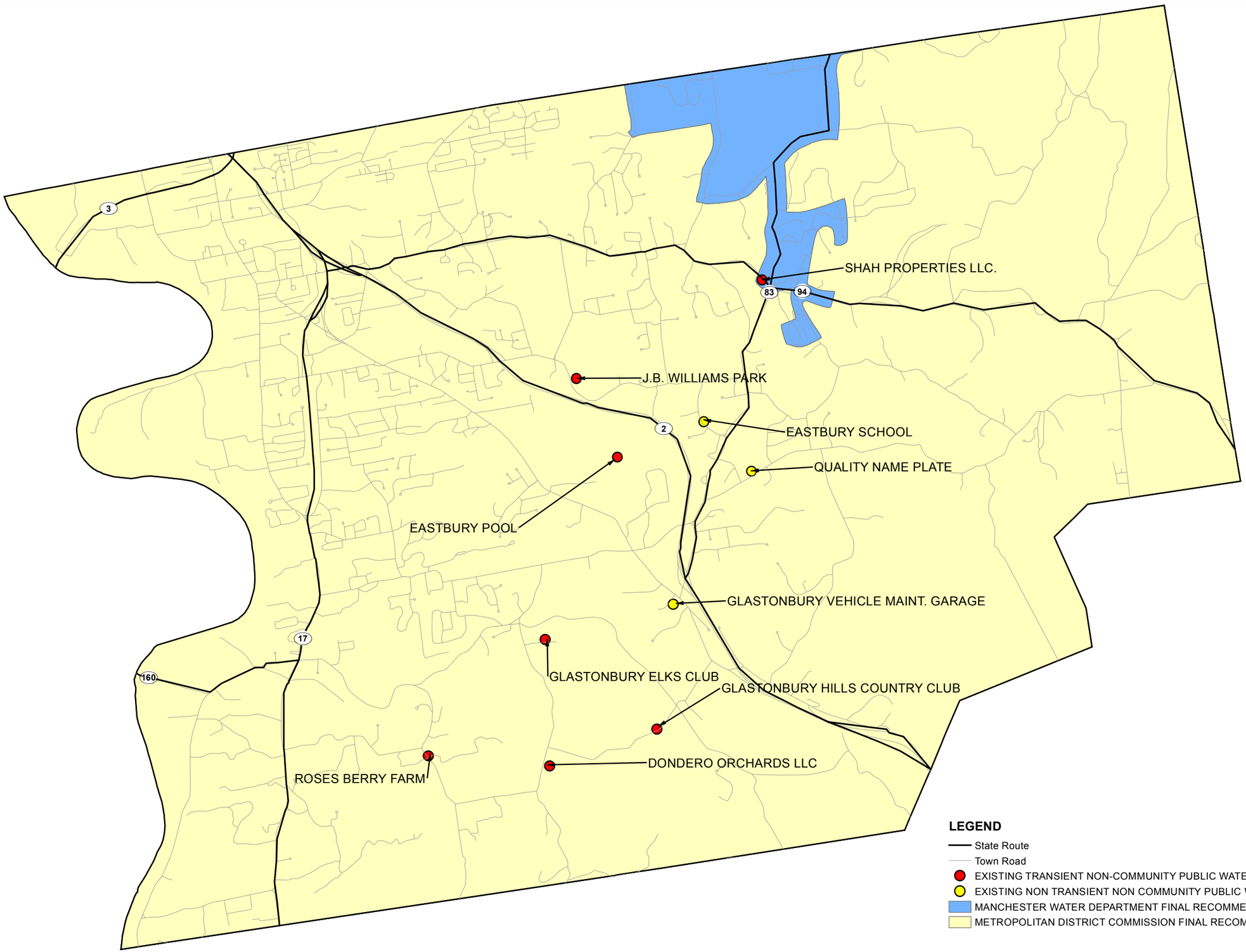
PROJECT NO.: 1017-05-04

**ESA Fig. 25**

SHEET NAME

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**Glastonbury ESA Declaration**

**For Glastonbury ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Glastonbury, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

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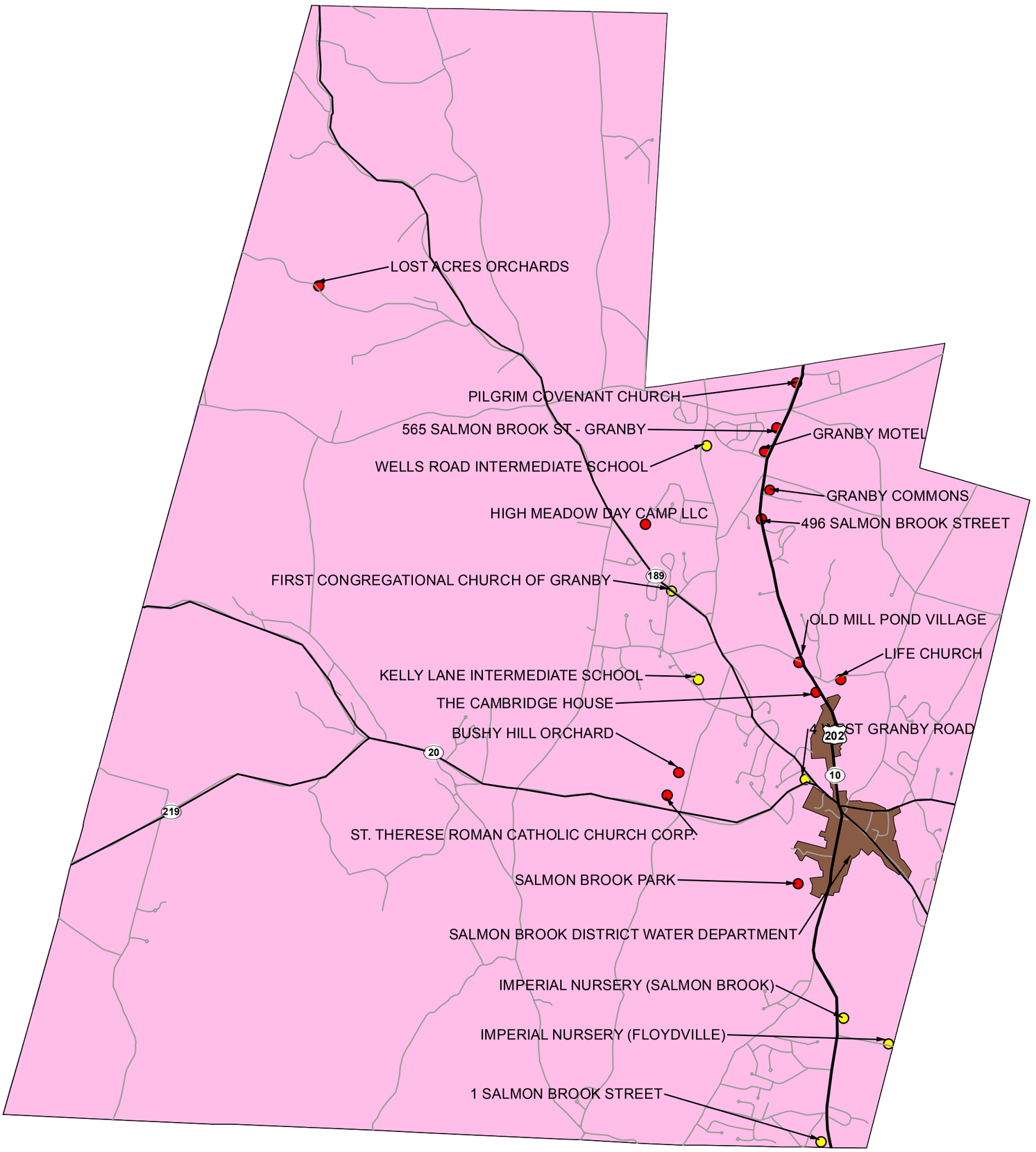
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PROJECT NO.: **1017-05-04**

SHEET NAME: ESA Fig. 26

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## 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
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

SHEET NAME: **ESA Fig. 27**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

SCALE: 1:48,000

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**Granby ESA Declaration**

**For Granby ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Granby, CT

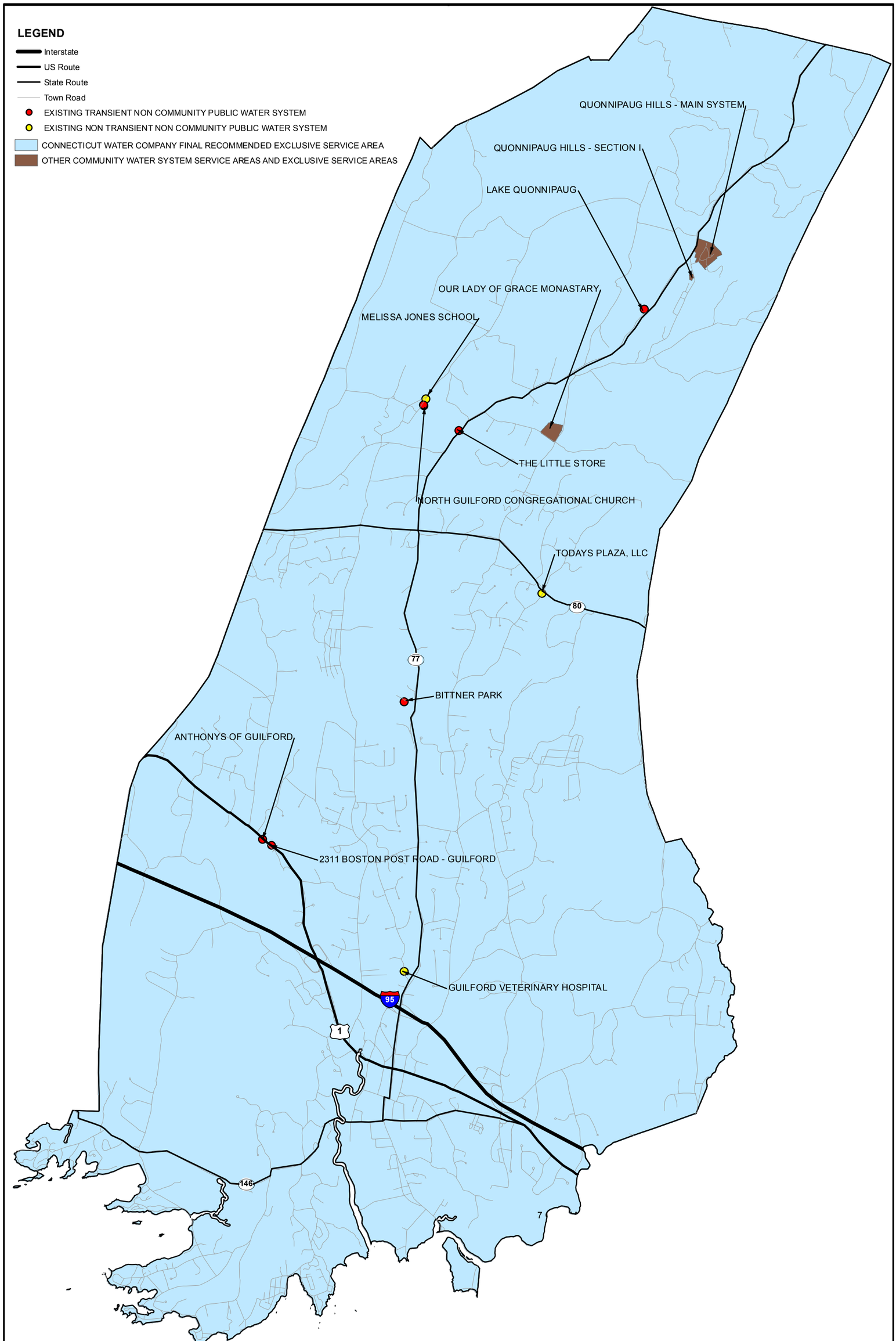
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**ESA Fig. 28**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

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**Guilford ESA Declaration**

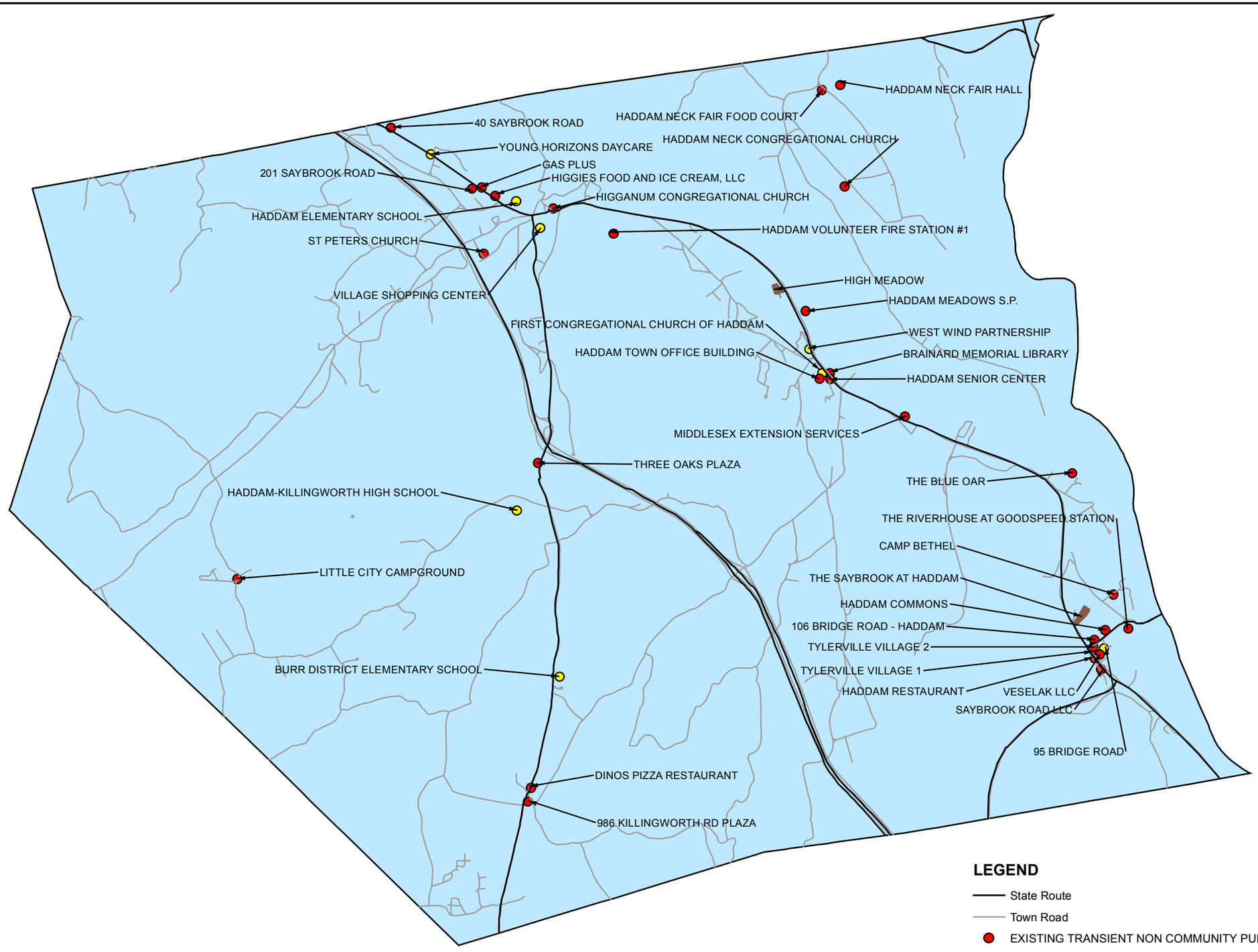
**For Guilford ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Guilford, CT

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## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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Haddam ESA Declaration

For Haddam ESA Boundary Delineation
Central PWSMA

Central WUCC
Haddam, CT

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

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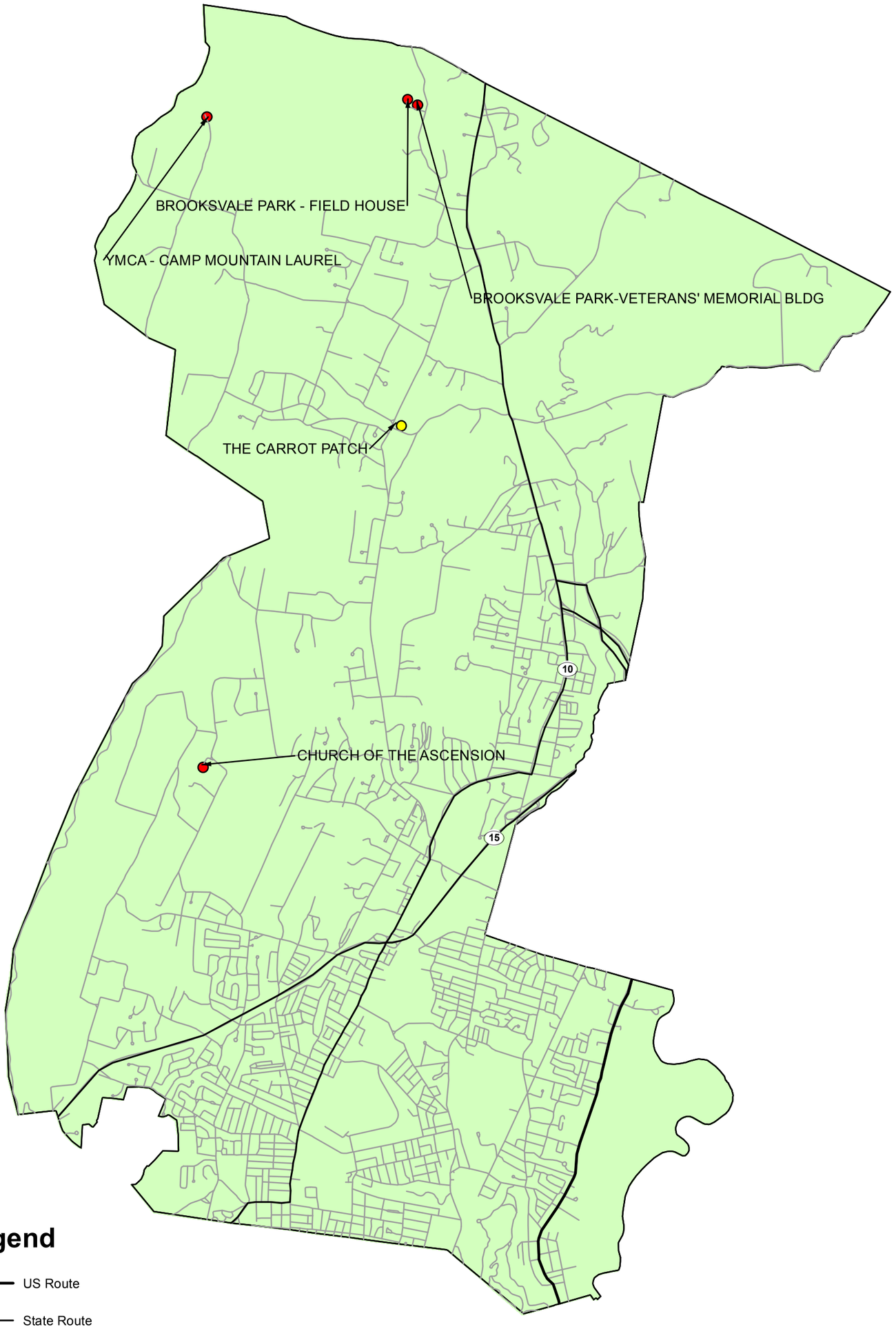
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 29

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## Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 30**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

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CHECKED SJB

**Hamden ESA Declaration**

**For Hamden ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Hamden, CT

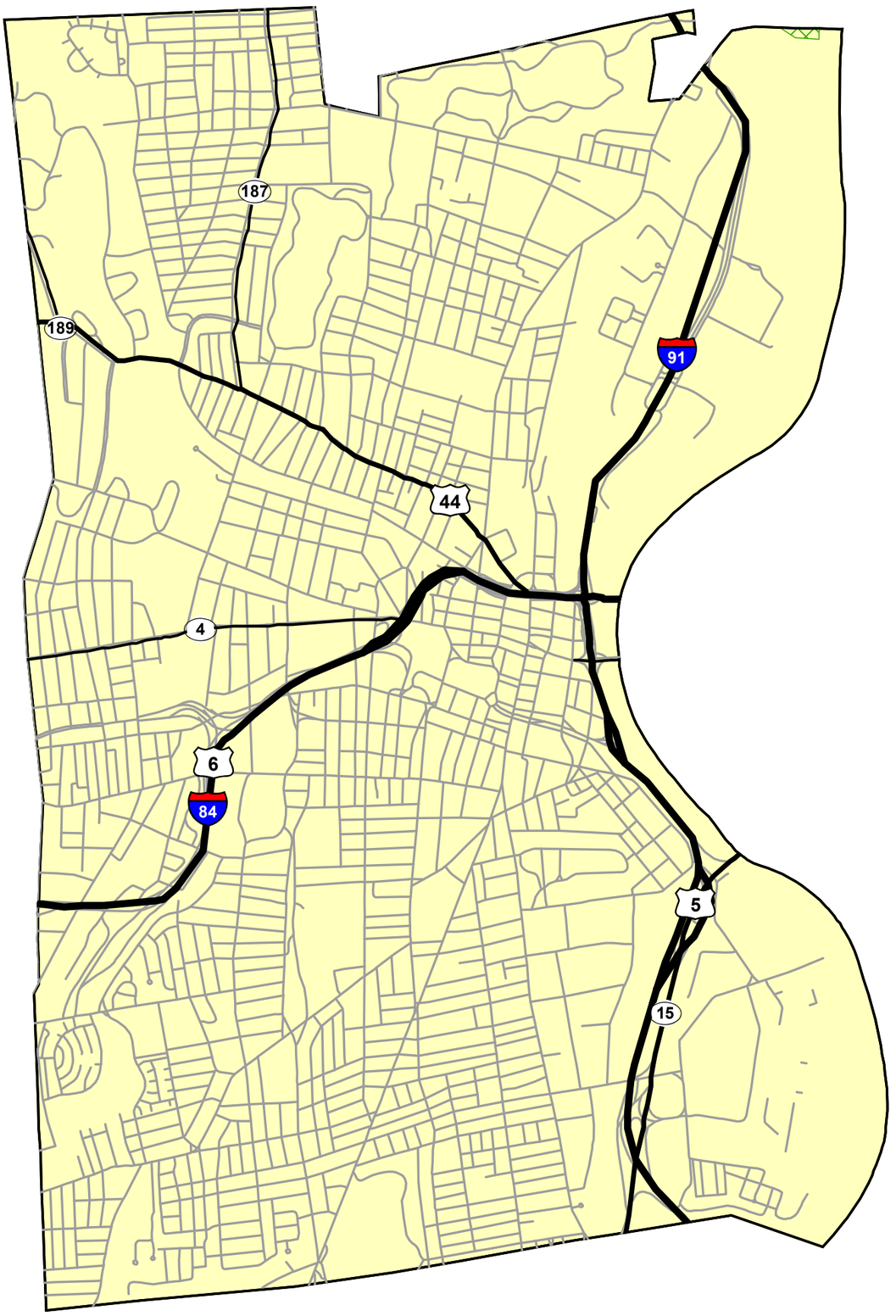
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## Legend

- Interstate
- US Route
- State Route
- Town Road
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 31**

SHEET NAME

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

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CHECKED: SJB

**Hartford ESA Declaration**

**For Hartford ESA Boundary Delineation**
**Central PWSMA**

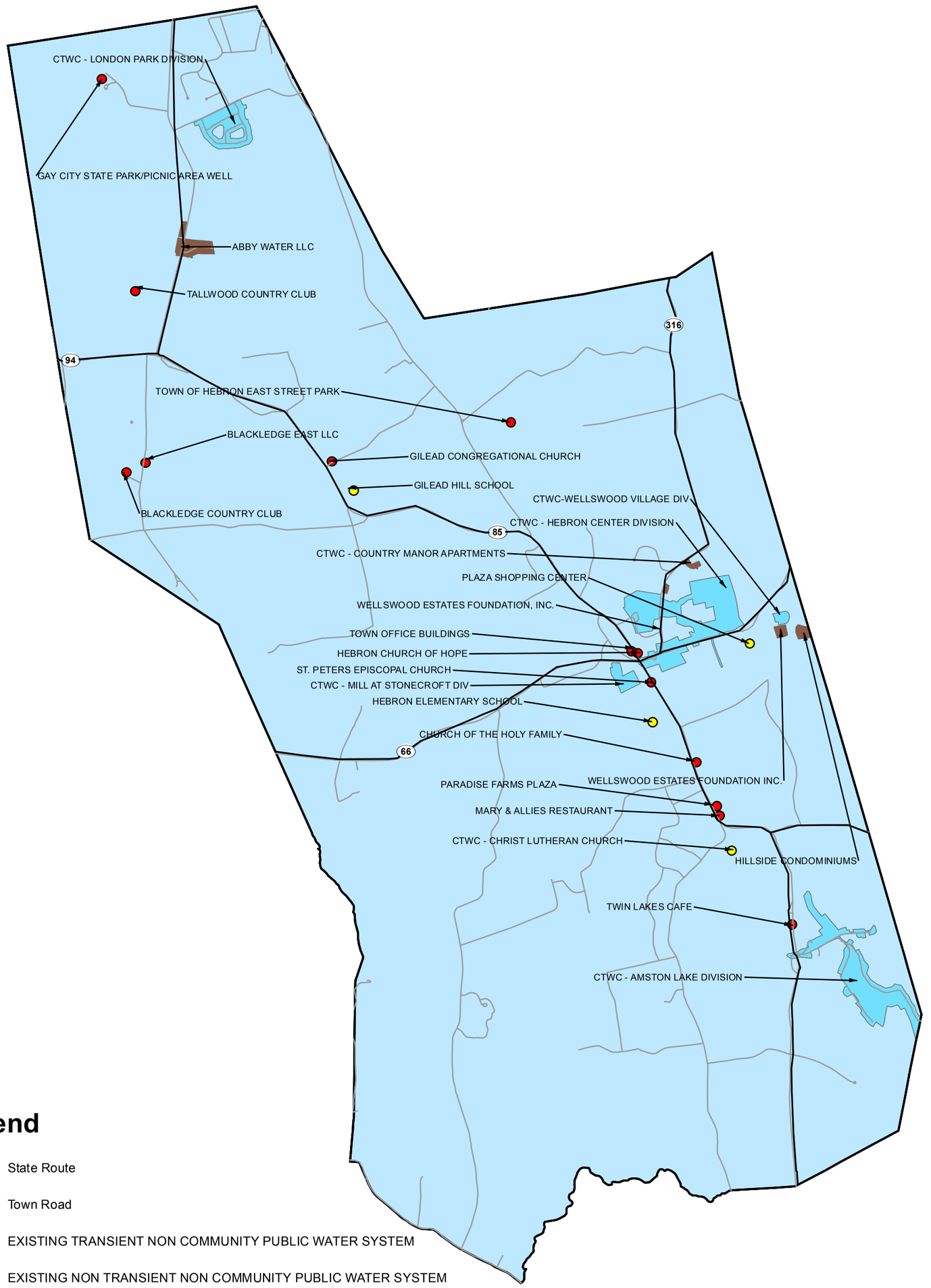
Central WUCC
Hartford CT

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## Legend

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL APPROVED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREAS
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

SHEET NAME: **ESA Fig. 32**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

SCALE: 1:50,000

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DRAWN: MER
CHECKED: SJB

**Hebron ESA Declaration**

**For Hebron ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Hebron, CT

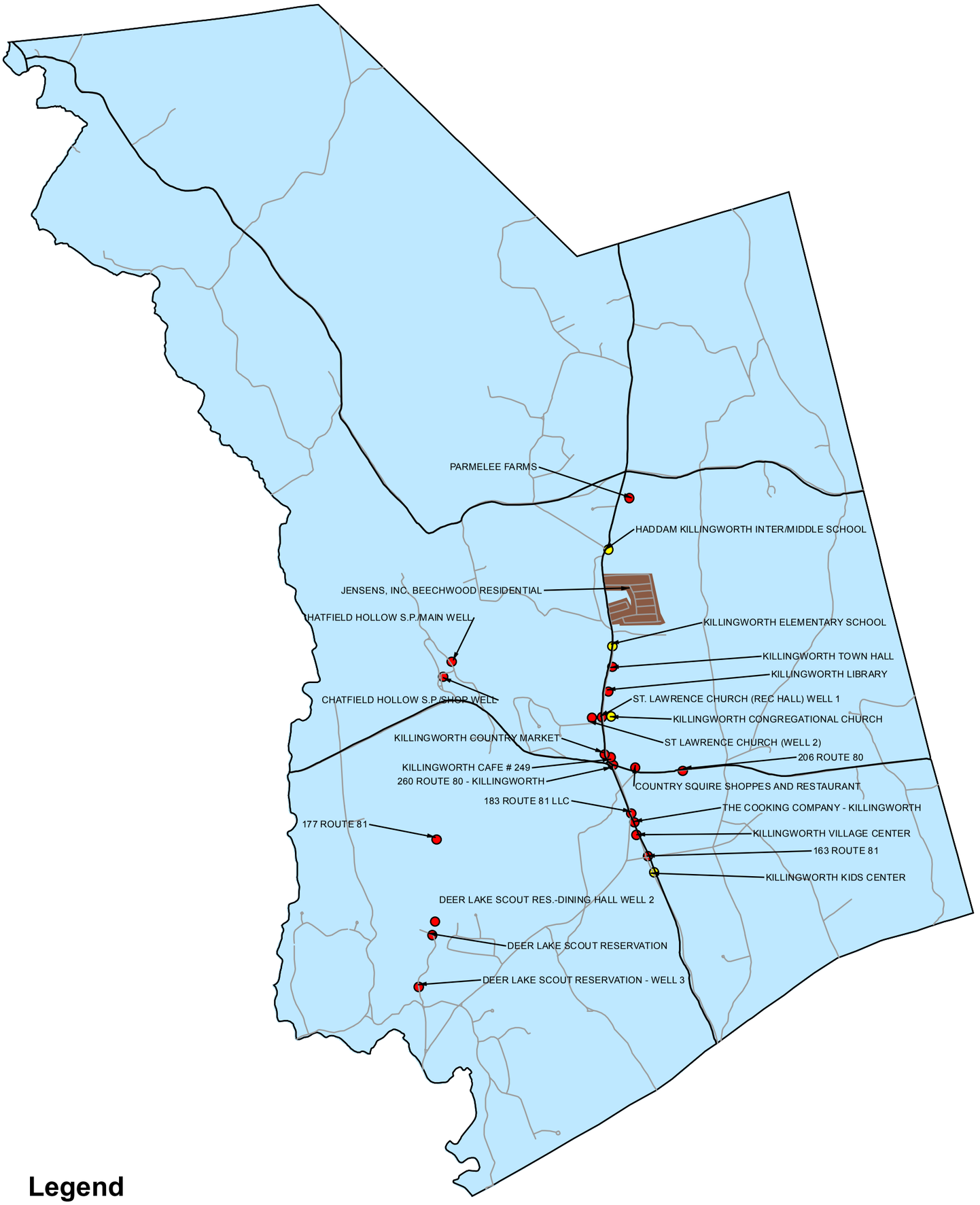
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# Legend

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

**ESA Fig. 33**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

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DESIGNED SJB

DRAWN MER

CHECKED SJB

**Killingworth ESA Declaration**

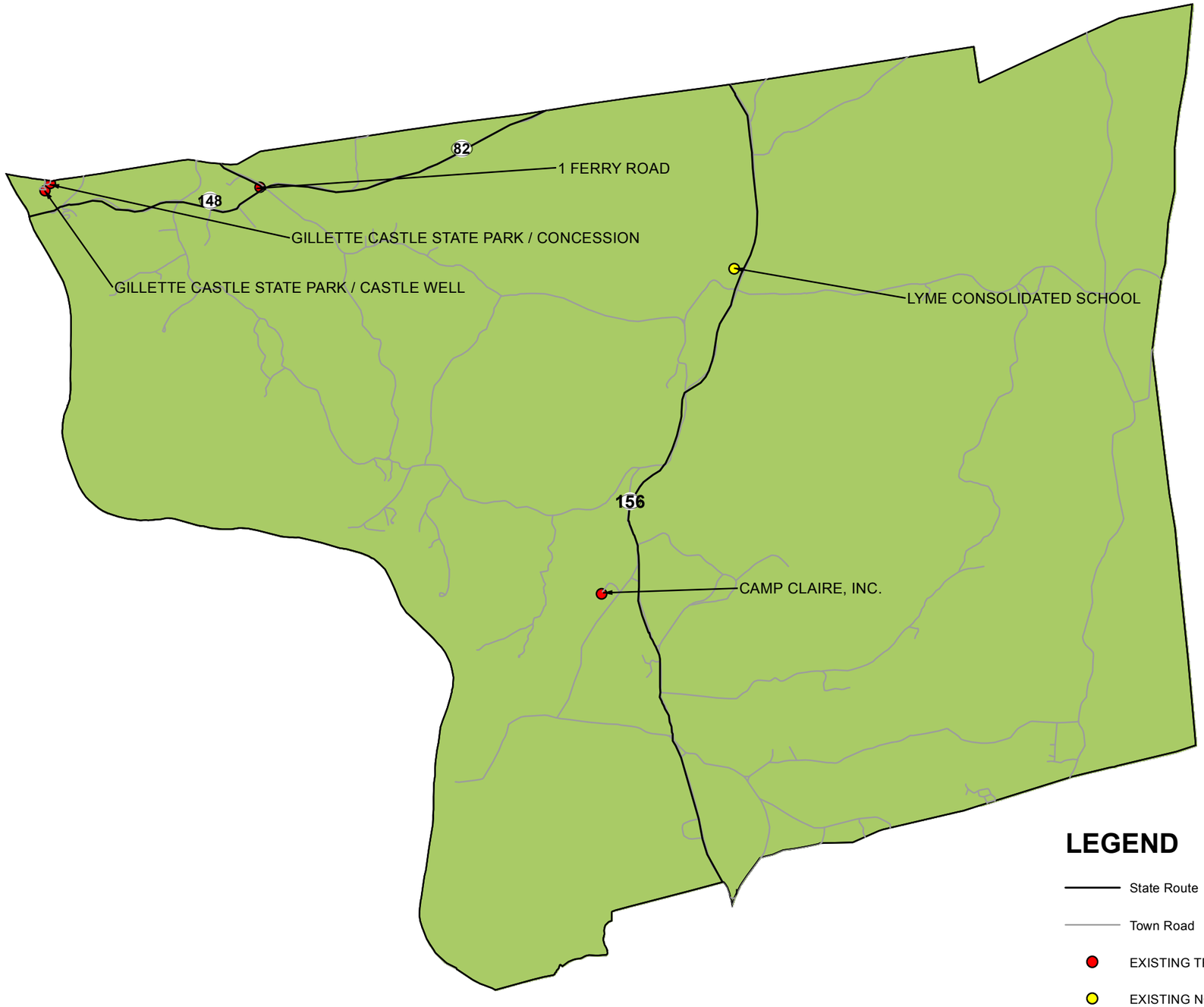
**For Killingworth ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Killingworth, CT

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|---|---|---|
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## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- TOWN OF LYME FINAL APPROVED EXCLUSIVE SERVICE AREA

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**Lyme ESA Declaration**

**For Lyme ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Lyme, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

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DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

**ESA Fig. 34**

SHEET NAME

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# Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

SHEET NO. FIGURE 35

MXD NAME:

PROJECT NO: 1017-05-04

MARCH 15, 2017

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CHECKED SJB

***Madison ESA Declaration***

***For Madison ESA Boundary Delineation***

***Central PWSMA***

***Madison, CT***

**REVISIONS**

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|---|---|
| Removed DEEP Lands | 05/24/2017 |

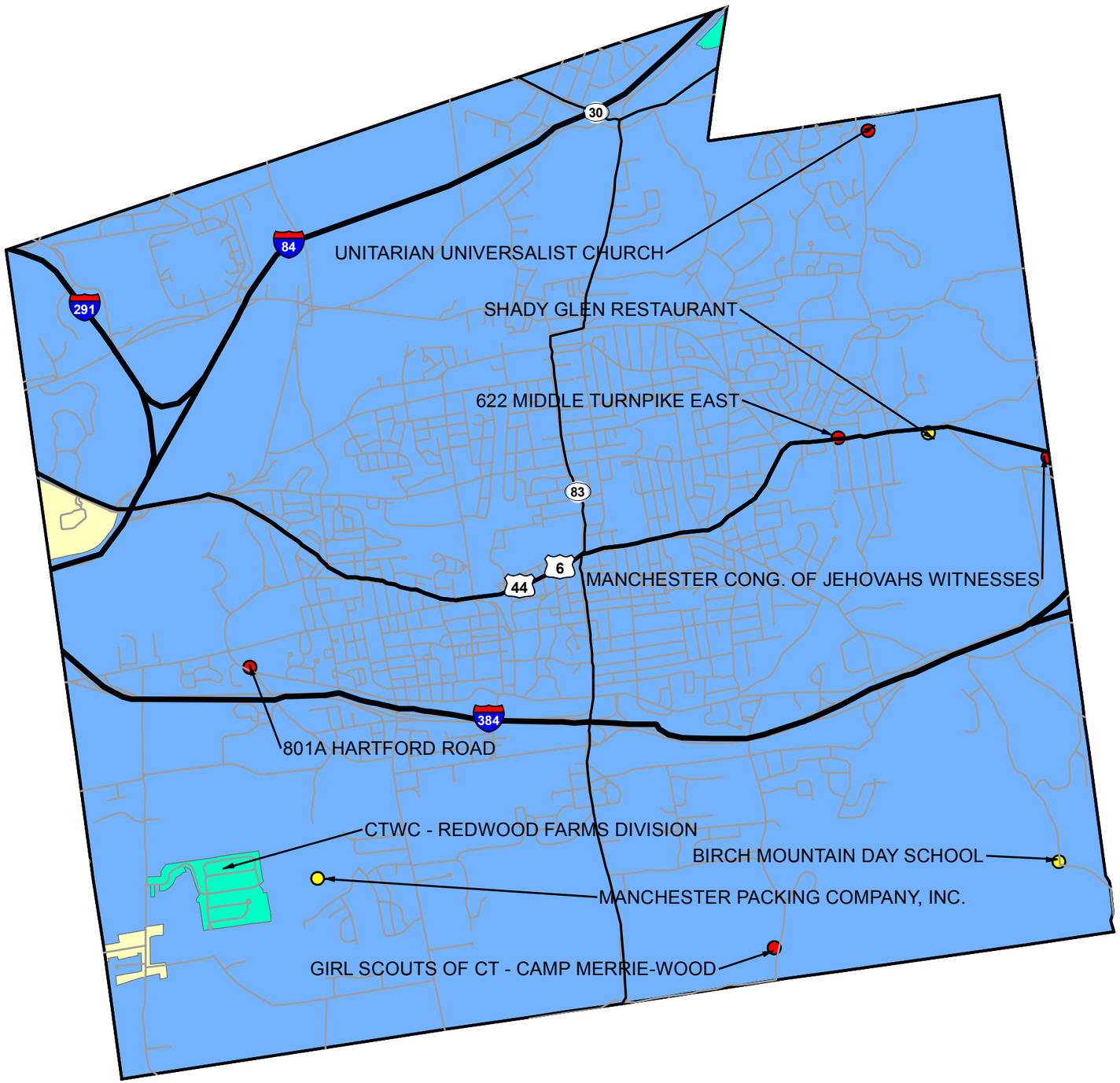

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N W E S

SOURCE(S):




## LEGEND

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

**Final Recommended Exclusive Service Area**

- CONNECTICUT WATER COMPANY
- MANCHESTER WATER DEPARTMENT
- METROPOLITAN DISTRICT COMMISSION

N

W E

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0 2,400

Feet

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**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |
| MDC Service Area | 5/31/2017 | SJB |
| Legend Update | 6/2/2017 | SJB |

**Manchester ESA Declaration**

**For Manchester ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Manchester, CT

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

SCALE: 1:42,000

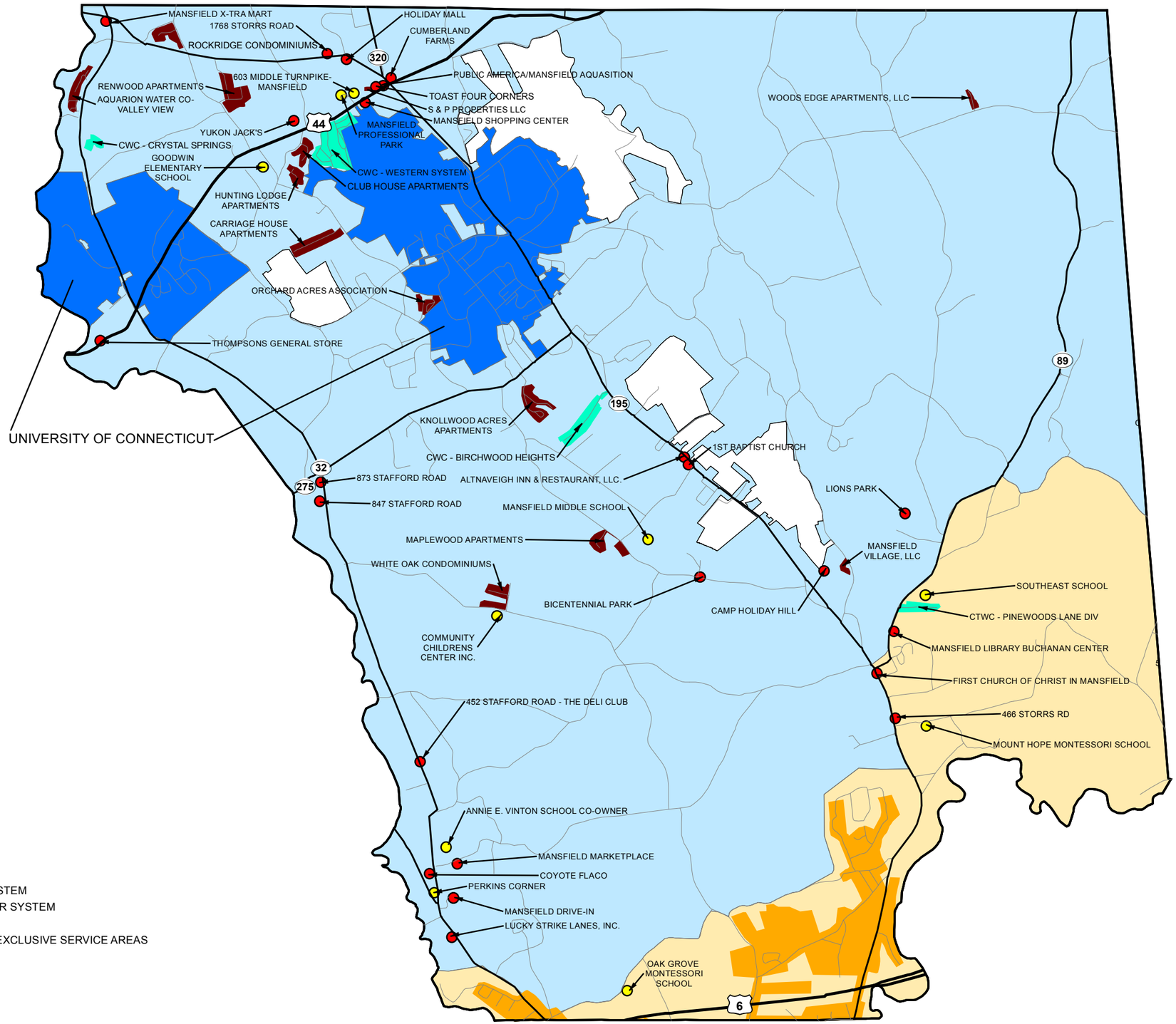
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 36**

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K:\DOT\1017-05-04\ESA\Maps\ESA Maps.mxd Tue 5/30/2017 10:49:26 AM mmarcinkiewicz




## LEGEND

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

**EXISTING SERVICE AREAS**

- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS
- CONNECTICUT WATER COMPANY
- WINDHAM WATER WORKS

**FINAL RECOMMENDED EXCLUSIVE SERVICE AREA**

- CONNECTICUT WATER COMPANY
- EXCLUSIVE SERVICE AREA UNASSIGNED
- STATE AGENCY EXISTING SERVICE AREA
- WINDHAM WATER WORKS

N

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Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| CWC Systems, New TNC | 04/28/2017 | SJB |
| Move NTNC System | 04/28/2017 | SJB |
| Service Area/ESA Edits | 5/15/2017 | SJB |
| System label update | 5/18/2017 | SJB |

Exclusive Service Area Map
Town of Mansfield, Connecticut
Central PWSMA
Central WUCC
Mansfield, CT

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

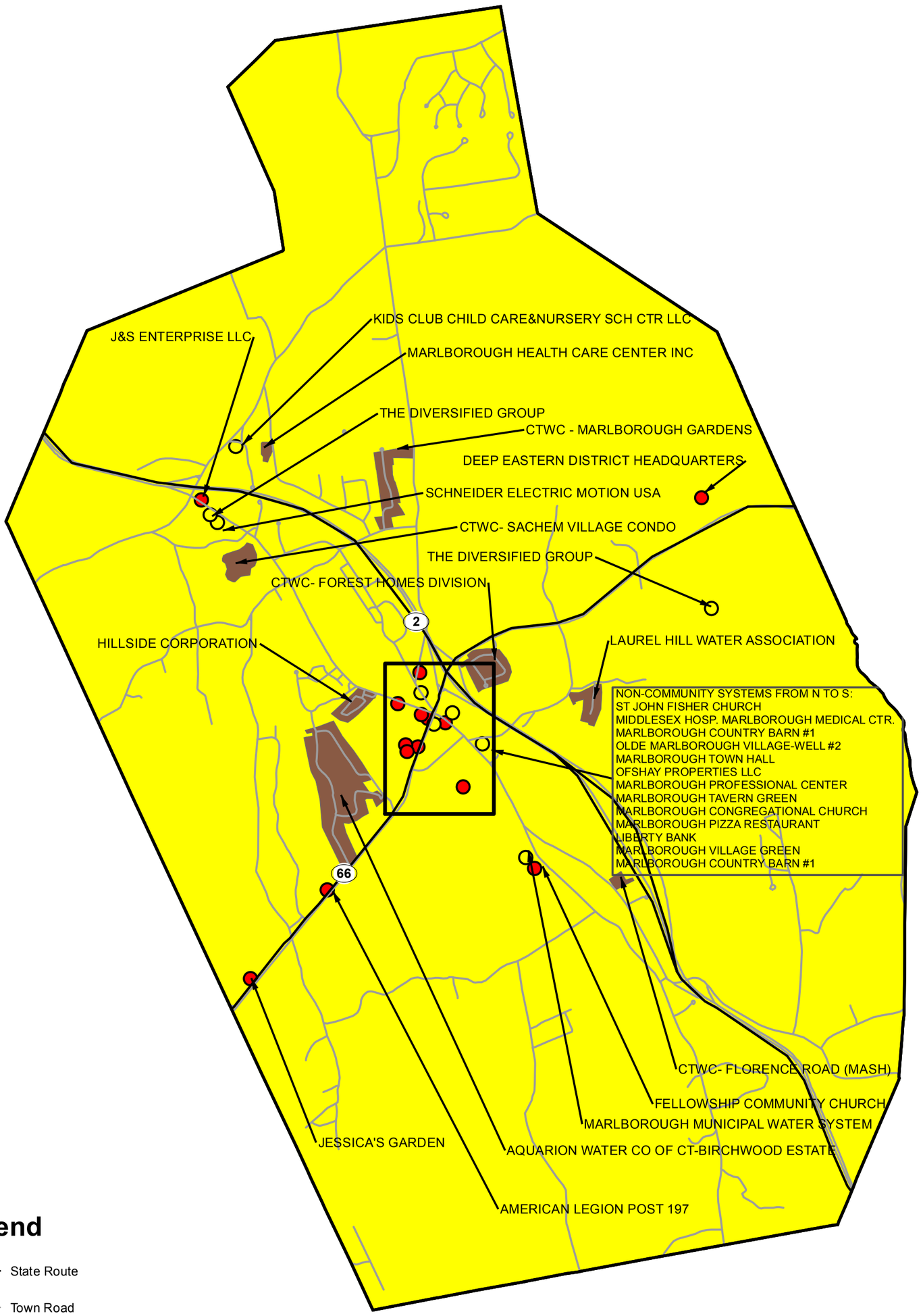
SCALE: 1:50,000
DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04

**ESA Fig. 37**
SHEET NAME

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K:\DOT\1017-05-04\Maps\ESA maps in new format\Central\Final Draft\37_AreaFile2.mxd

MXD: V:\1017-05\GIS\MapFiles\ESA maps\dwl town\General\No_DEEP\3.Marlborough.mxd




## Legend

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- TOWN OF MARLBOROUGH FINAL APPROVED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

**ESA Fig. 38**

1017-05-04

MARCH 15, 2017

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DRAWN: MER

CHECKED: SJB

**Marlborough ESA Declaration**

**For Marlborough ESA Boundary Delineation**
**Central PWSMA**

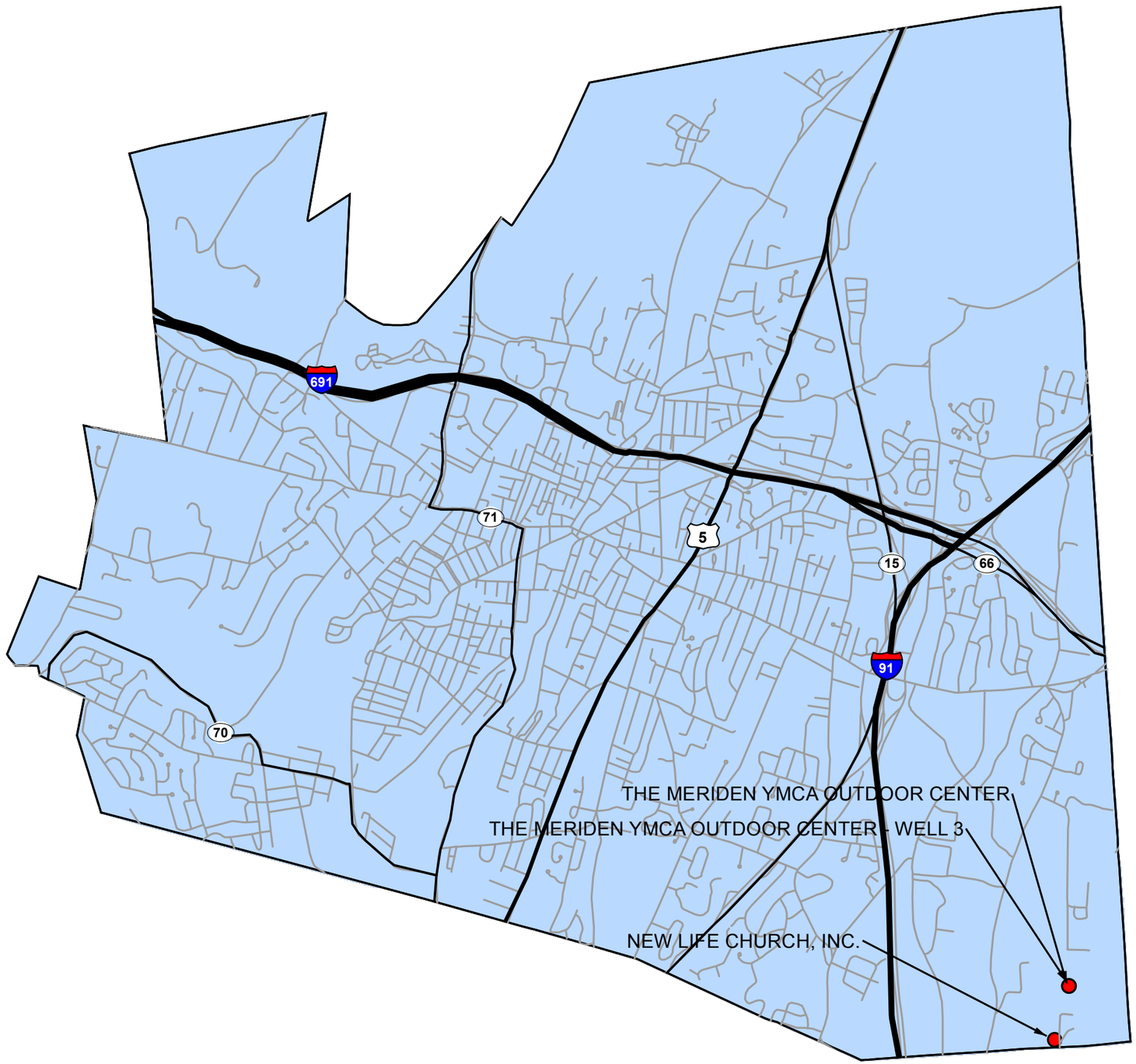
Central WUCC
Marlborough, CT

REVISIONS

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- MERIDEN WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

**Meriden ESA Declaration**

**For Meriden ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Meriden, CT

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

SCALE: 1:40,000

DATE: MARCH 15, 2017

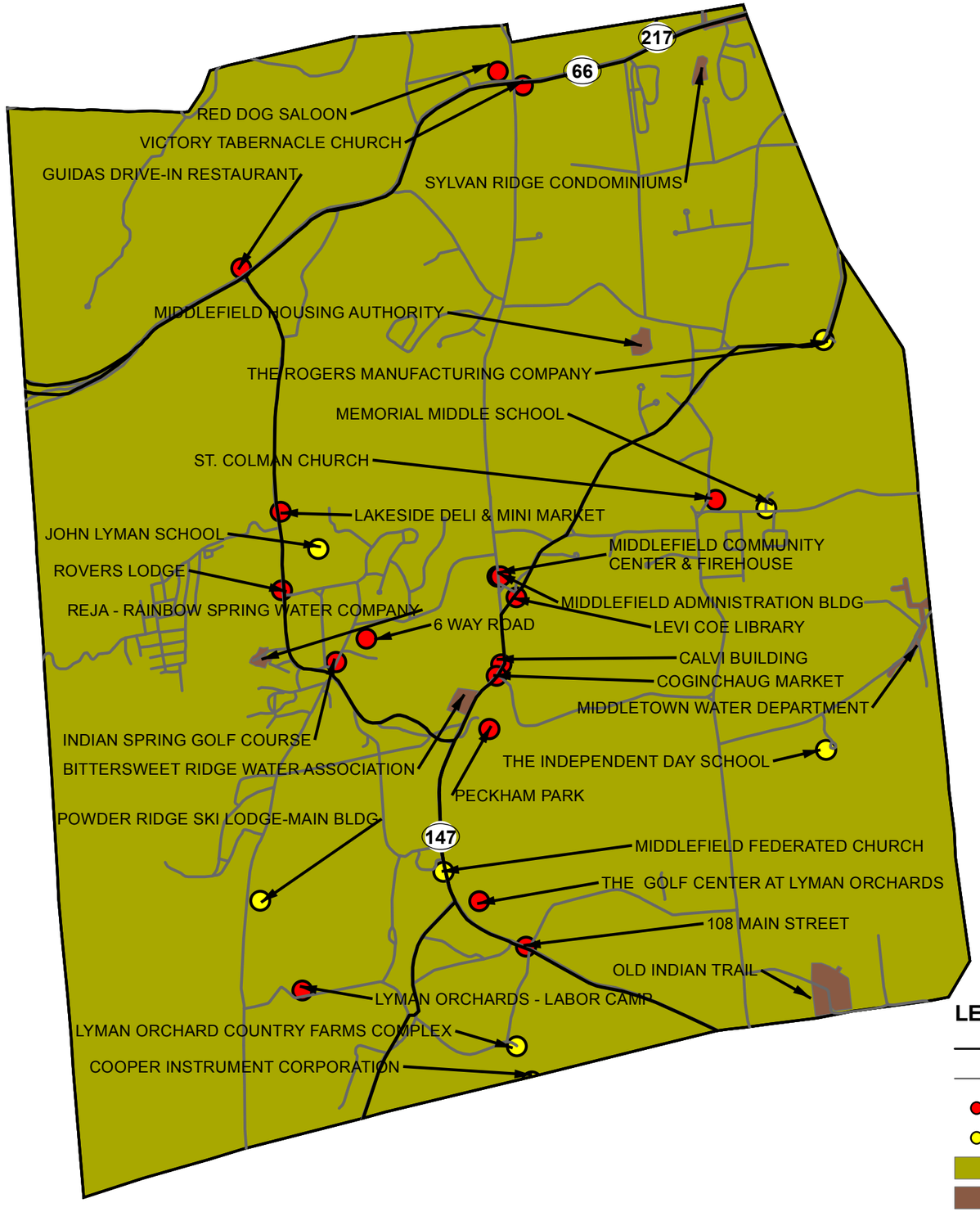
PROJECT NO.: 1017-05-04

**ESA Fig. 39**

SHEET NAME

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K:\DOT\1017-05-04\Maps\ESA maps in new auto towns\Central\Mer_ESA Fig 39 Meriden.mxd




## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- TOWN OF MIDDLEFIELD FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

N W E S

0 1,600 Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

**Middlefield ESA Declaration**
**For Middlefield ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Middlefield, CT

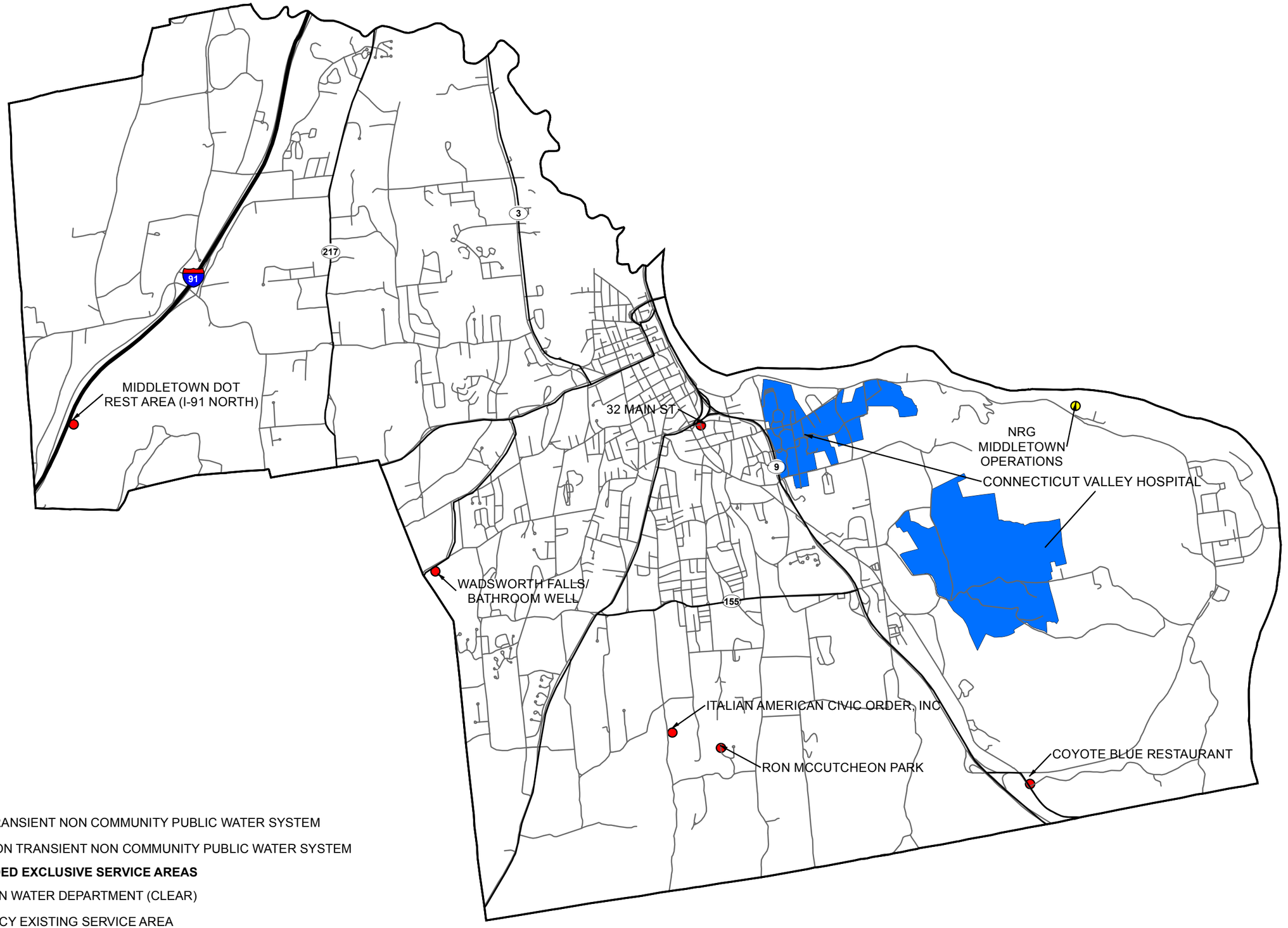
| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

SCALE: 1:30,000
DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04

**ESA Fig. 40**
SHEET NAME

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## LEGEND

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

**FINAL RECOMMENDED EXCLUSIVE SERVICE AREAS**

- MIDDLETOWN WATER DEPARTMENT (CLEAR)
- STATE AGENCY EXISTING SERVICE AREA

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|---|---|---|
| State Agency Serv. Area | 5/19/2017 | SJB |

**Middletown ESA Declaration**

**For Middletown ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Middletown, CT

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

SCALE: 1:50,000

DATE: MARCH 15, 2017

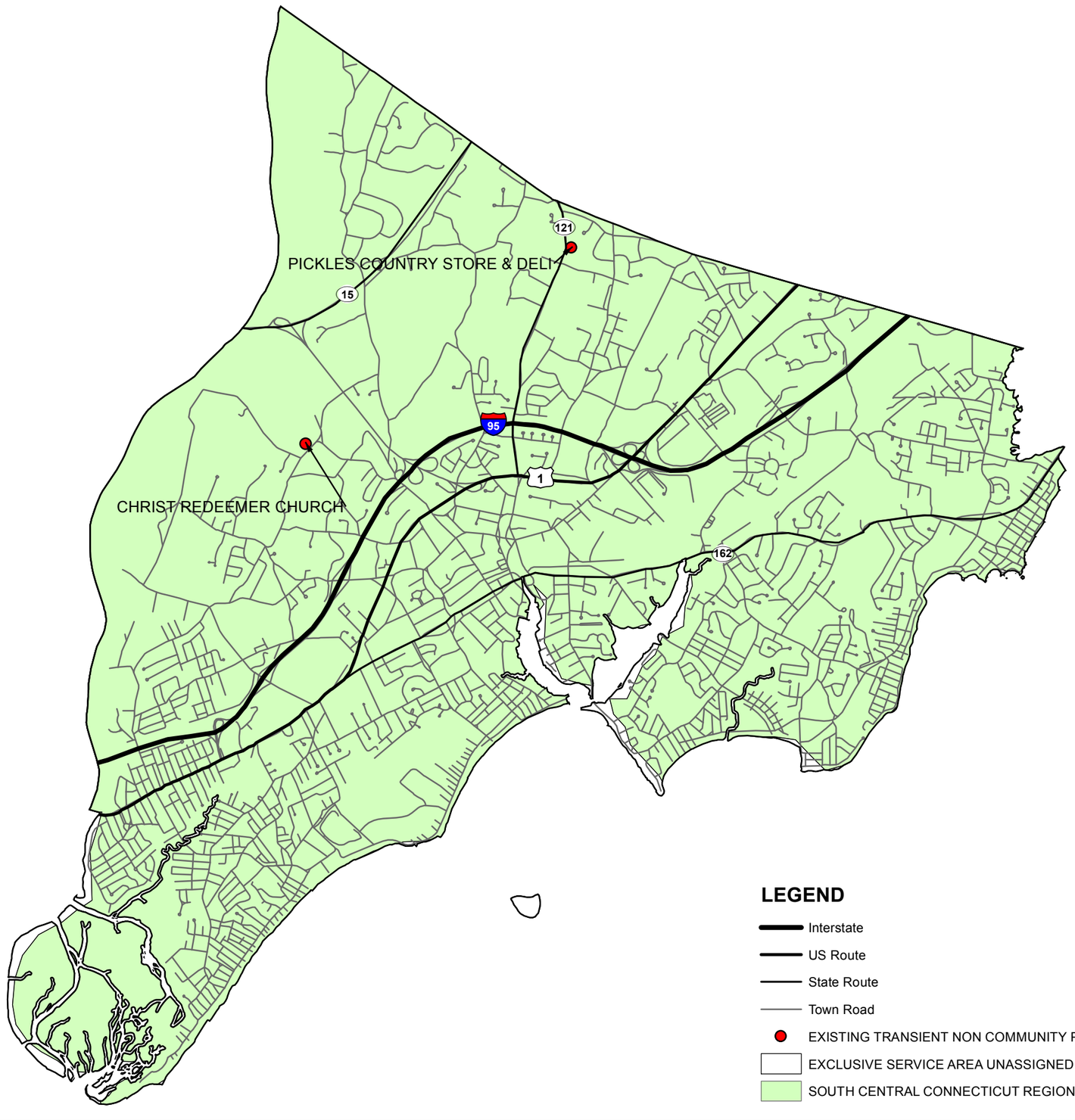
PROJECT NO.: 1017-05-04

**ESA Fig. 41**

SHEET NAME

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXCLUSIVE SERVICE AREA UNASSIGNED
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

N 0 2,800 Feet

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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

**Milford ESA Declaration**

**For Milford ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Milford, CT

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

SCALE: 1:48,000

DATE: MARCH 15, 2017

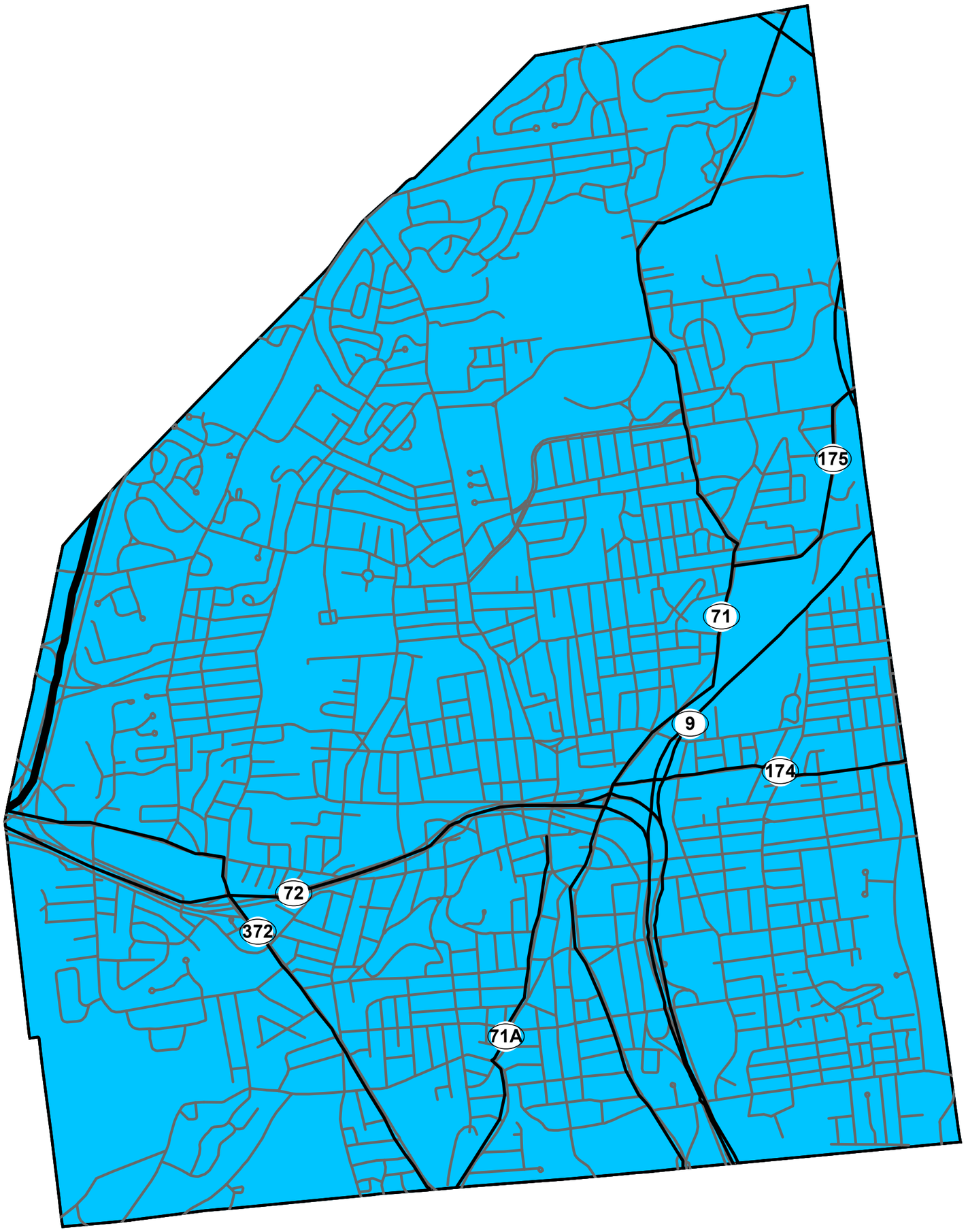
PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 42**

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MXD: V:\1017-05\GIS\MapFiles\ESA maps individual towns\Central\Final Distrits\Ea_New Britain.mxd




## Legend

- Interstate
- State Route
- Town Road
- NEW BRITAIN WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 43**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

SCALE 1:26,000

DESIGNED SJB

DRAWN MER

CHECKED SJB

**New Britain ESA Declaration**

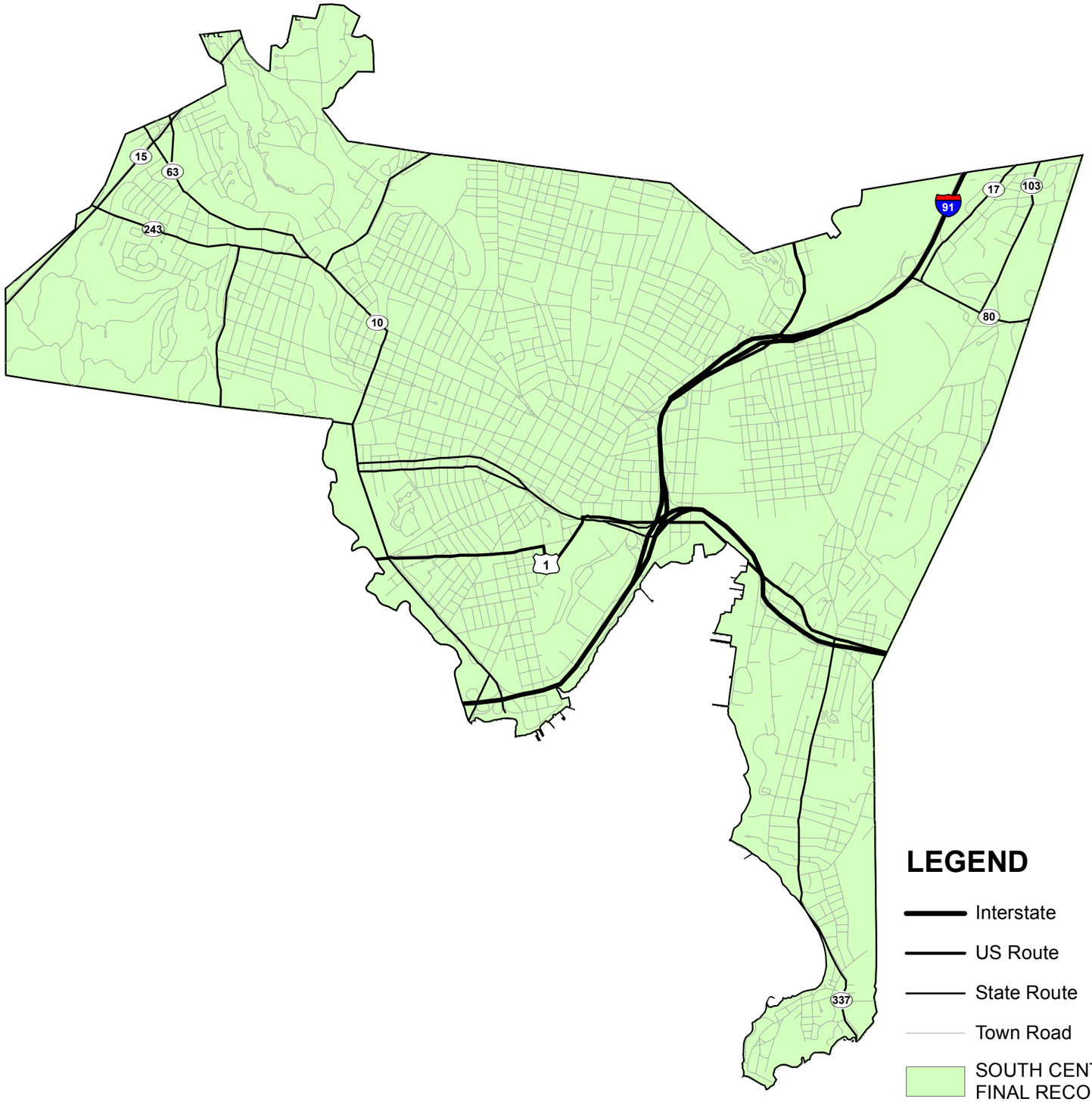
**For New Britain ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
New Britain, CT

| DESCRIPTION | DATE | BY |
|---|---|---|
| | | |

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

**New Haven ESA Declaration**

**New Haven ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
New Haven, CT

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

SCALE: 1:48,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

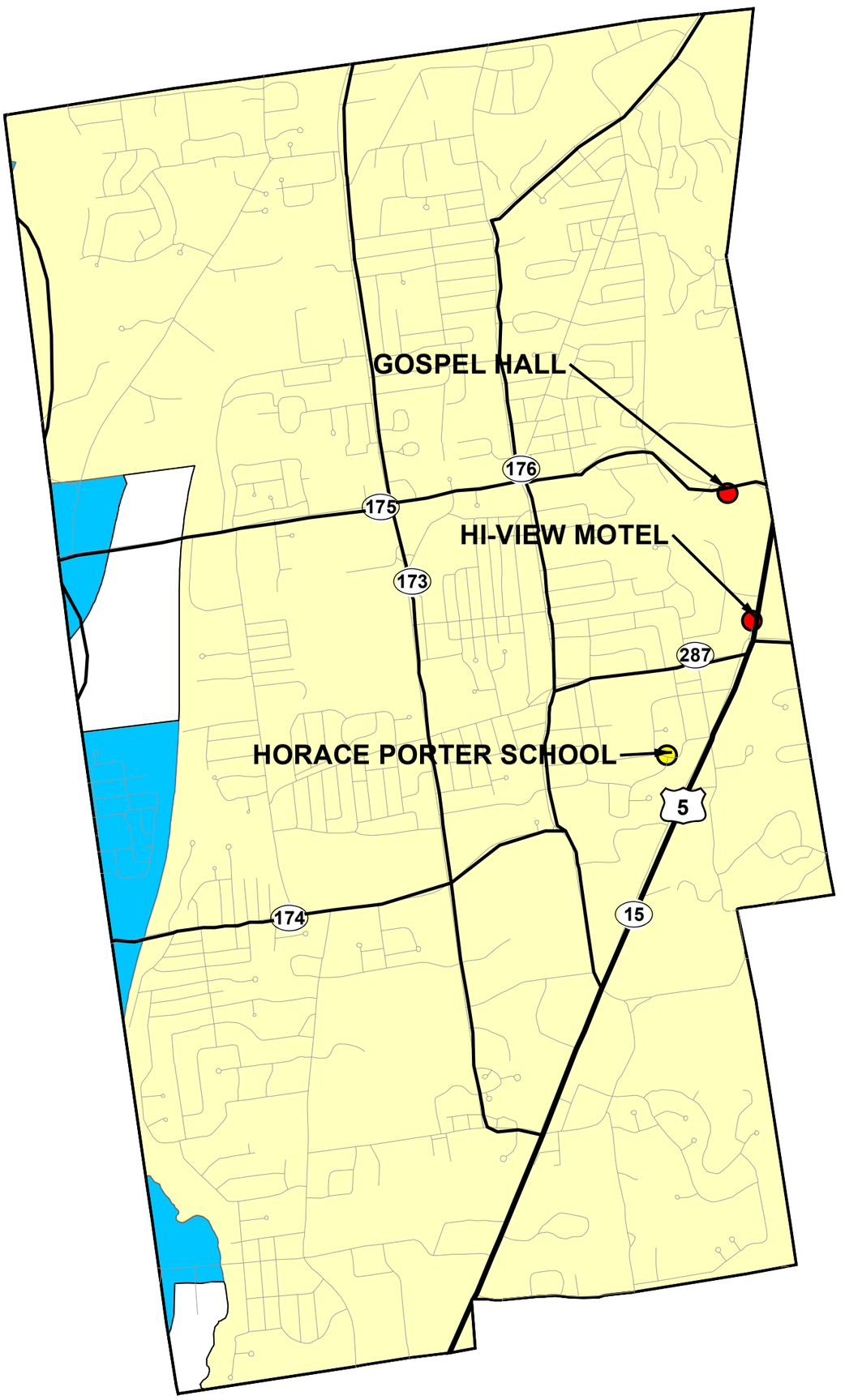
**ESA Fig. 44**

SHEET NAME

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DWG No. ESA Fig 44 New Haven.mxd
K:\DOT\1017-05-04\GIS\MapFiles\ESA maps in new stuff town\Gis\mxd\New Haven

MXD: V:\1017-05\GIS\Maps\ESA maps indiv dual towns\General\No_DEEP\ESA_Newington.mxd




## Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXCLUSIVE SERVICE AREA UNASSIGNED
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- NEW BRITAIN WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 45**

PROJECT NO. 1017-05-04
DATE MARCH 15, 2017
SCALE 1:30,000
DESIGNED SJB
DRAWN MER
CHECKED SJB

**Newington ESA Declaration**

**Newington ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Newington, CT

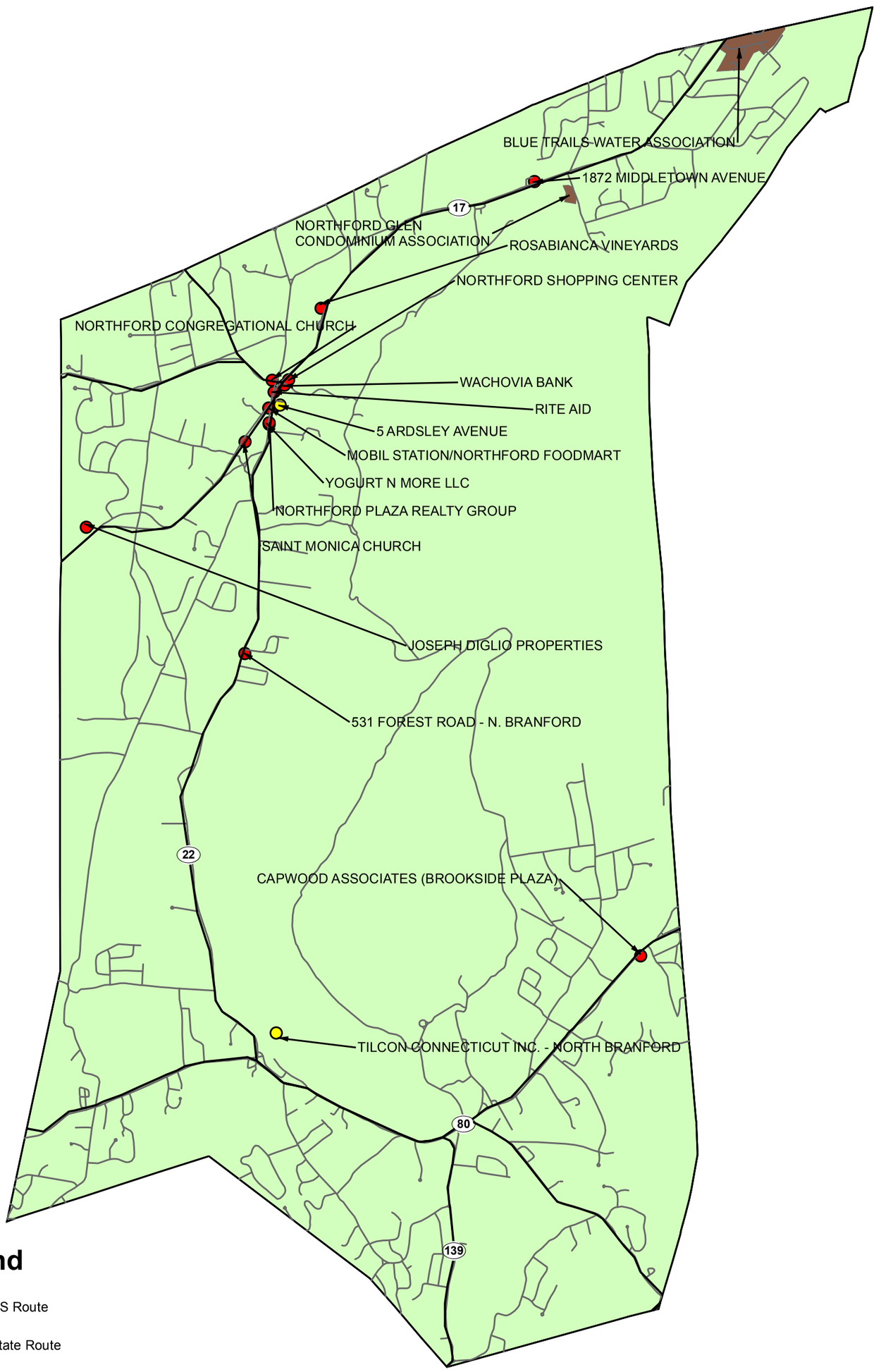
**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |
| MDC Service Area | 05/31/2017 | SJB |

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## Legend

- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

**ESA Fig. 46**

DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04
SCALE: 1:42,000
DESIGNED: SJB
DRAWN: MER
CHECKED: SJB

**North Branford ESA Declaration**

**North Branford ESA Boundary Delineation**
**Central PWSMA**

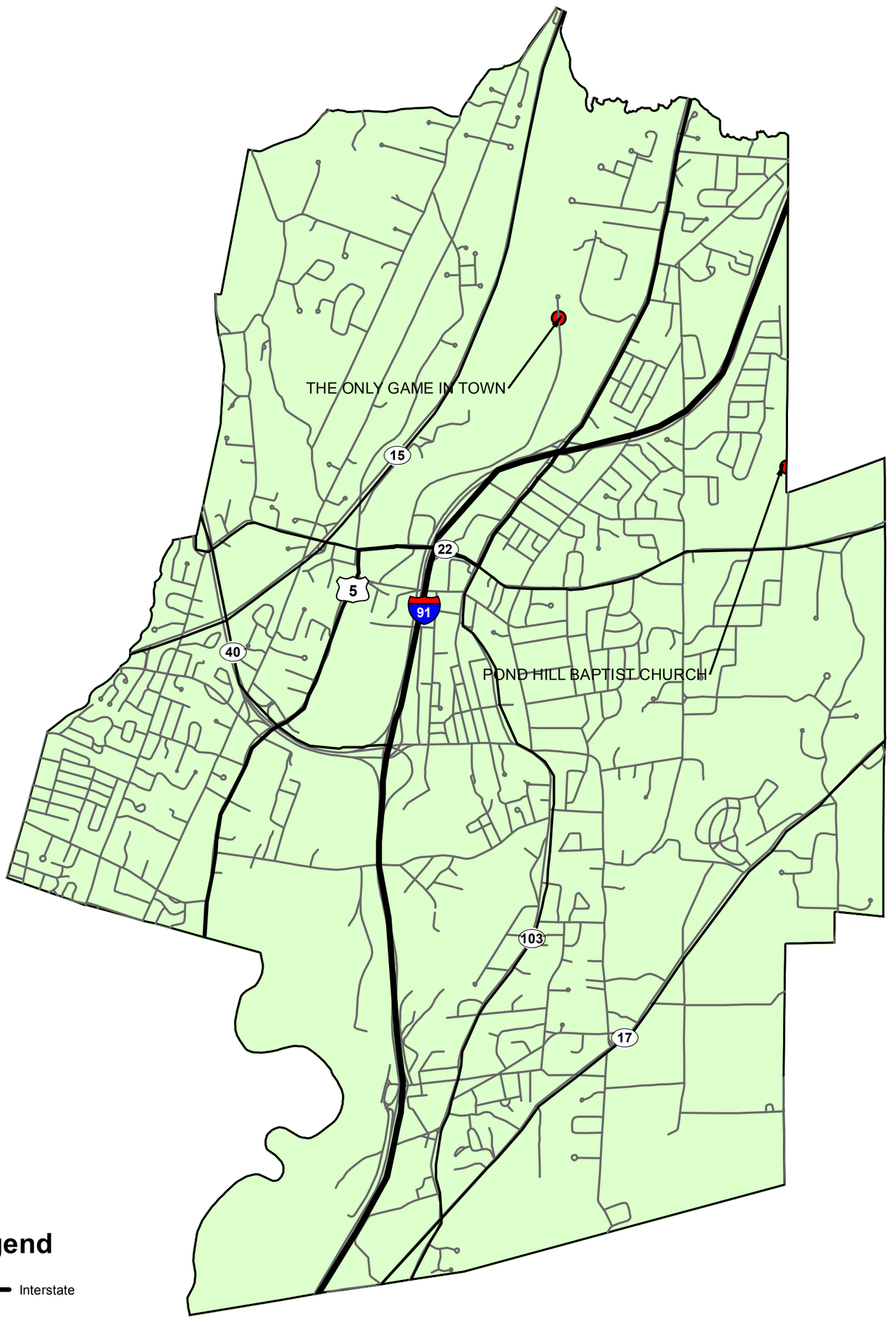
Central WUCC
North Branford, CT

| DESCRIPTION | DATE | BY |
|---|---|---|

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MXD: V:\1017-05\GIS\MapFiles\Individual towns\General\No_DEEP\NT_North Haven.mxd




## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 47**

SHEET NAME

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SCALE: 1:36,000

DESIGNED: SJB
DRAWN: MER
CHECKED: SJB

**North Haven ESA Declaration**

**North Haven ESA Boundary Delineation**
**Central PWSMA**

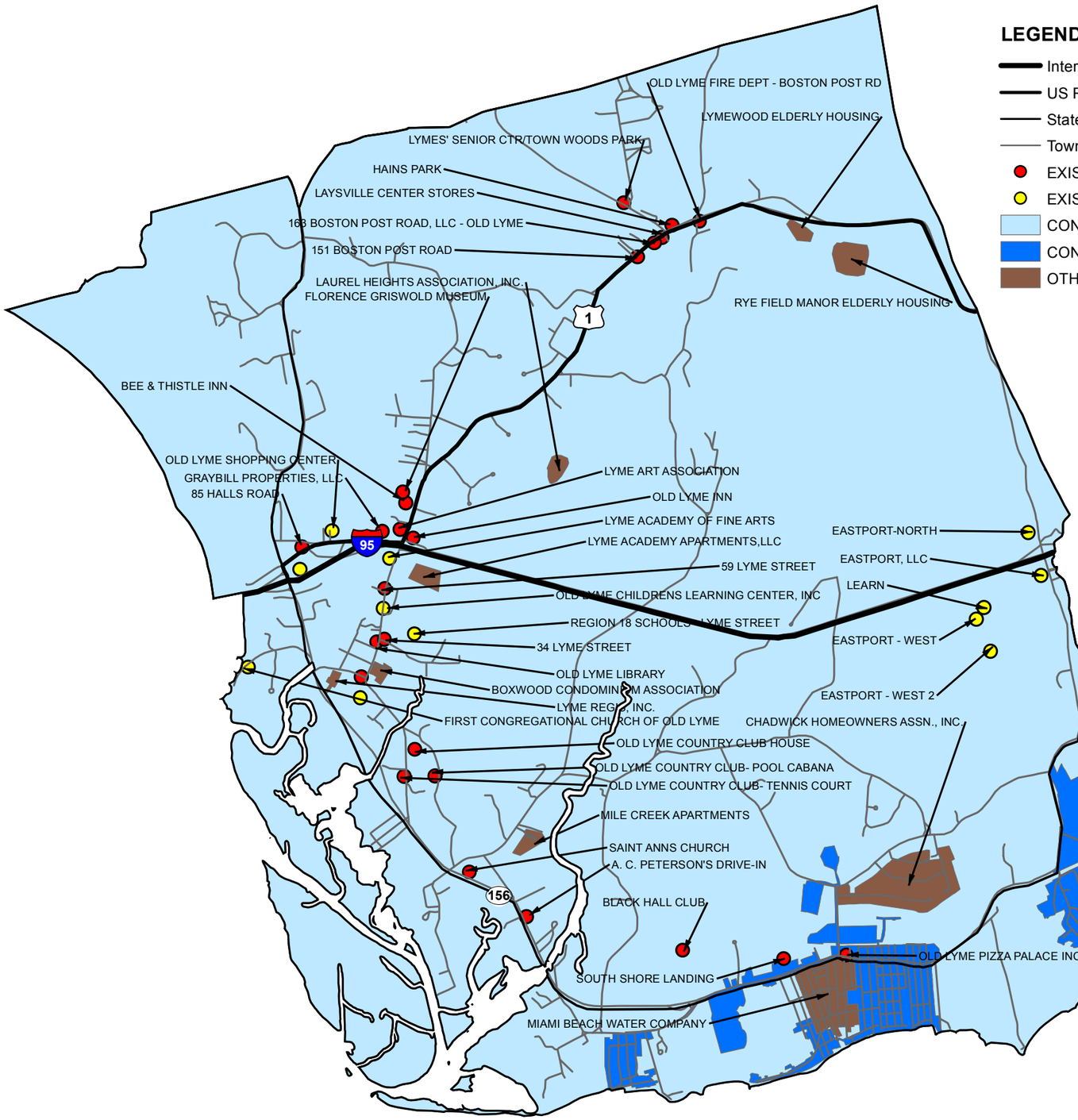
Central WUCC
North Haven, CT

REVISIONS

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL APPROVED EXCLUSIVE SERVICE AREA
- CONNECTICUT WATER COPANY SERVICE AREAS
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

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|---|---|---|
| Removed DEEP Lands | 05/24/2017 | MER |

Old Lyme ESA Declaration

Old Lyme ESA Boundary Delineation
Central PWSMA
Central WUCC
Old Lyme, CT

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

SCALE: 1:42,000

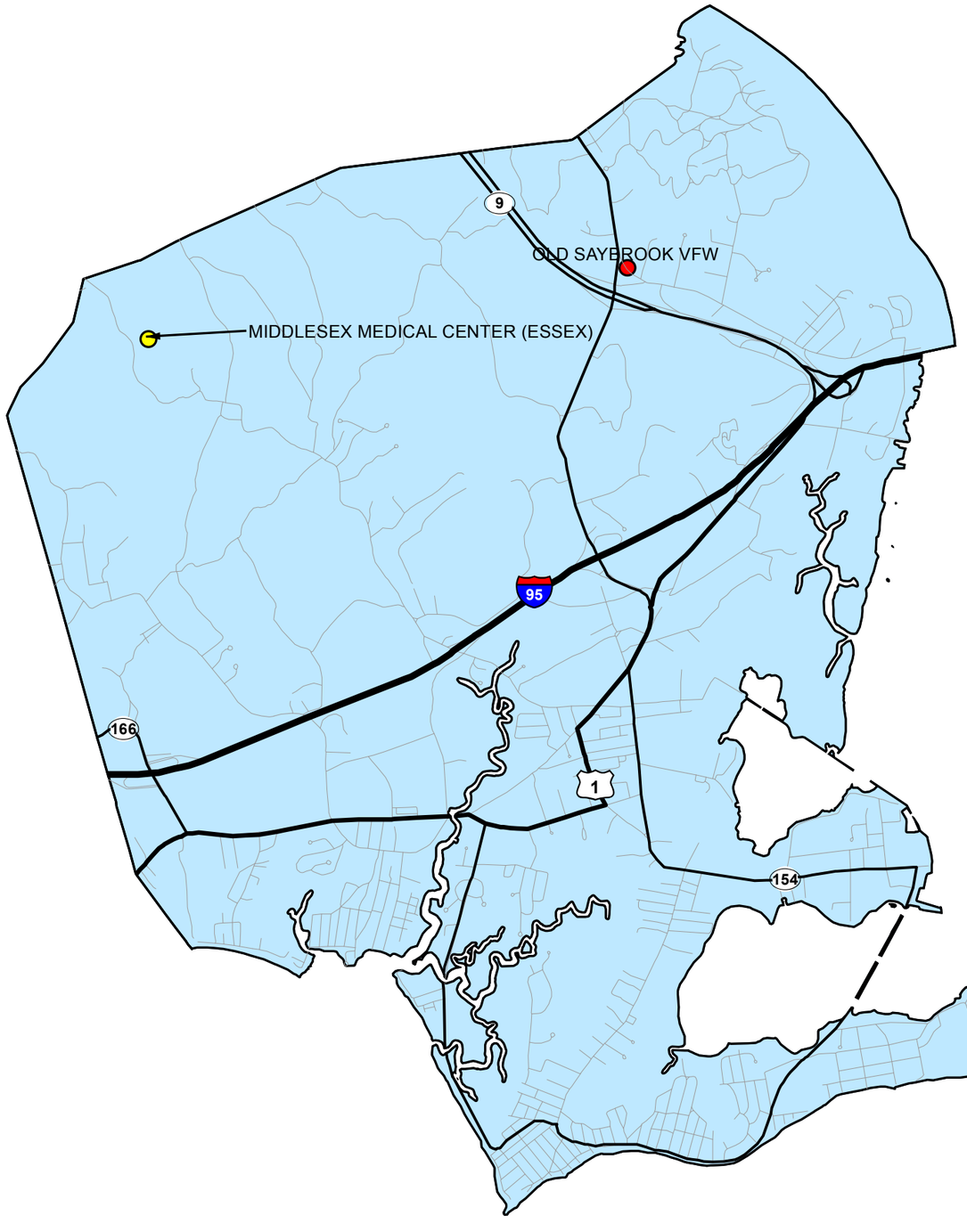
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 48

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**LEGEND**

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

N W E S

0 2,000 Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

**Old Saybrook ESA Declaration**

**Old Saybrook ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Old Saybrook, CT

| SJB | MER | SJB |
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| DESIGNED | DRAWN | CHECKED |

SCALE: 1:40,000

DATE: MARCH 15, 2017

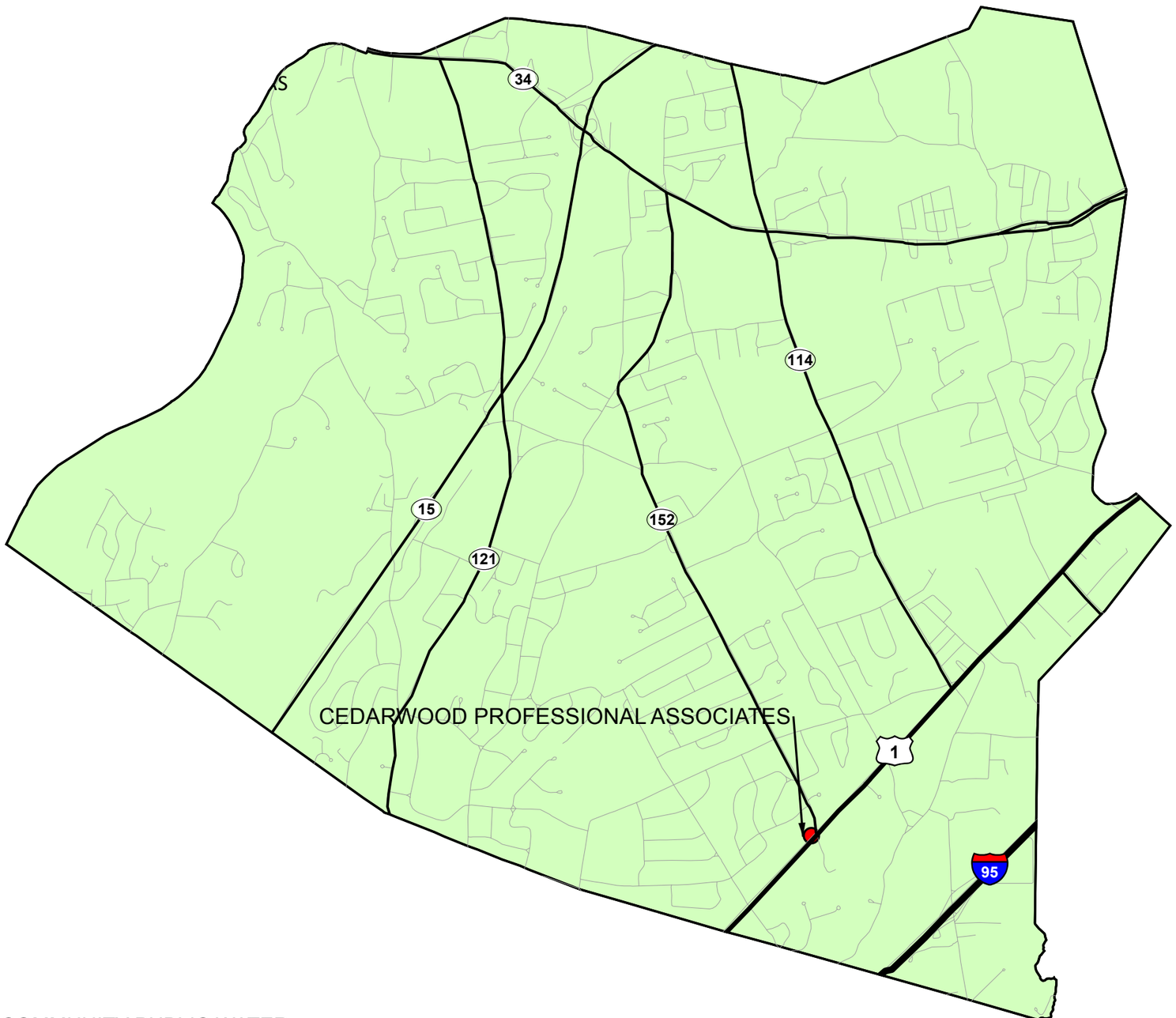
PROJECT NO.: 1017-05-04

**ESA Fig. 49**

SHEET NAME

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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| DESCRIPTION | DATE | BY |
|---|---|---|

Orange ESA Declaration

Orange ESA Boundary Delineation
Central PWSMA

Central WUCC
Orange, CT

| SJB DESIGNED | MER DRAWN | SJB CHECKED |
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SCALE: 1:36,000

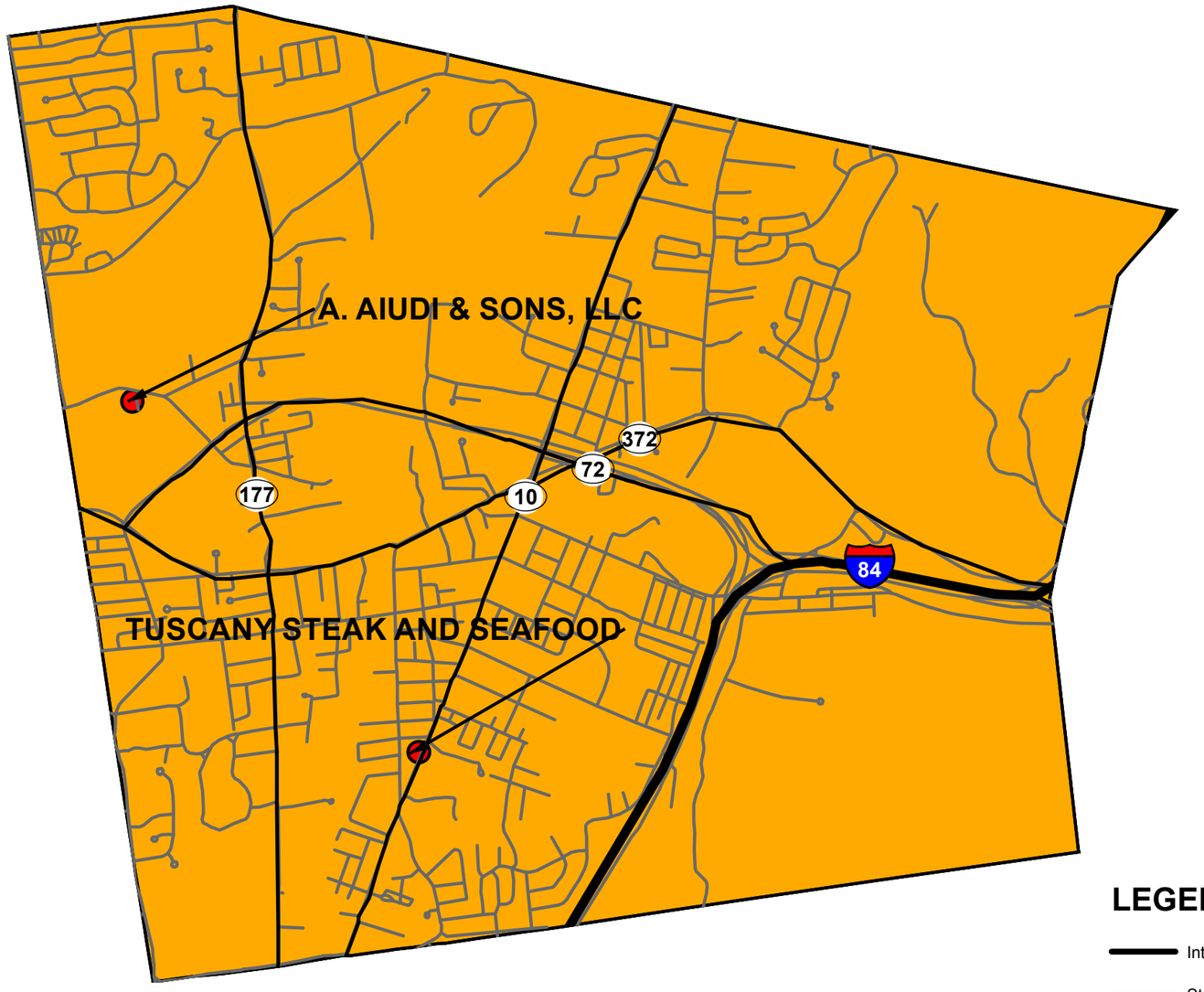
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 50

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## LEGEND

- Interstate
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- VALLEY WATER SYSTEMS FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

**Plainville ESA Declaration**

**For Plainville ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Plainville, CT

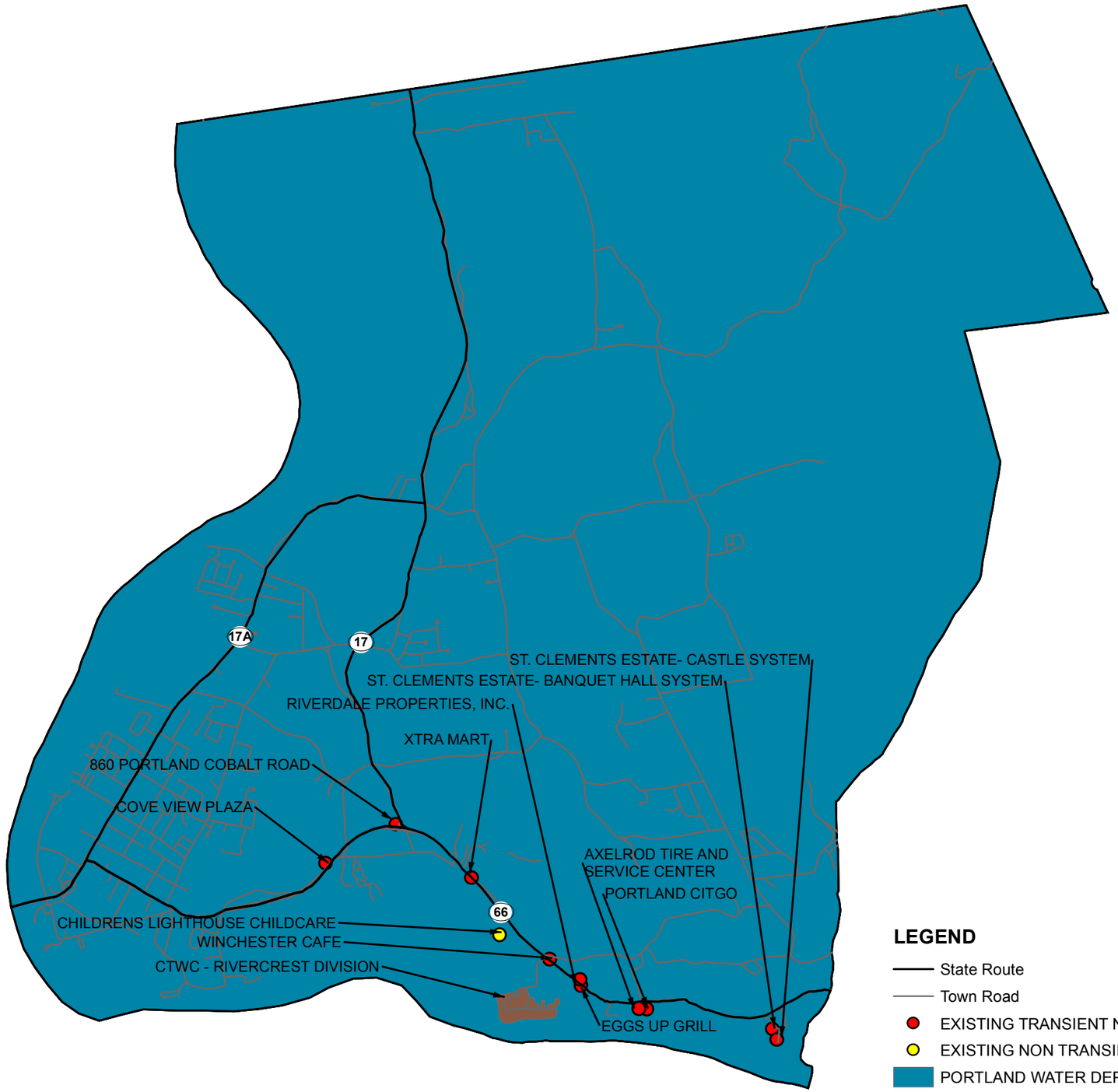
| SJB | MER | SJB |
|---|---|---|
| DESIGNED | DRAWN | CHECKED |

SCALE: 1:30,000
DATE: MARCH 15, 2017
PROJECT NO.: 1017-05-04

**ESA Fig. 51**
SHEET NAME

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## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- PORTLAND WATER DEPARTMENT FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

N

W E

S

0 2,400

Feet

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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |
| Labeling update | 05/26/2017 | MER |

**Portland ESA Declaration**

**Portland ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Portland, CT

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

SCALE: 1:42,000

DATE: MARCH 15, 2017

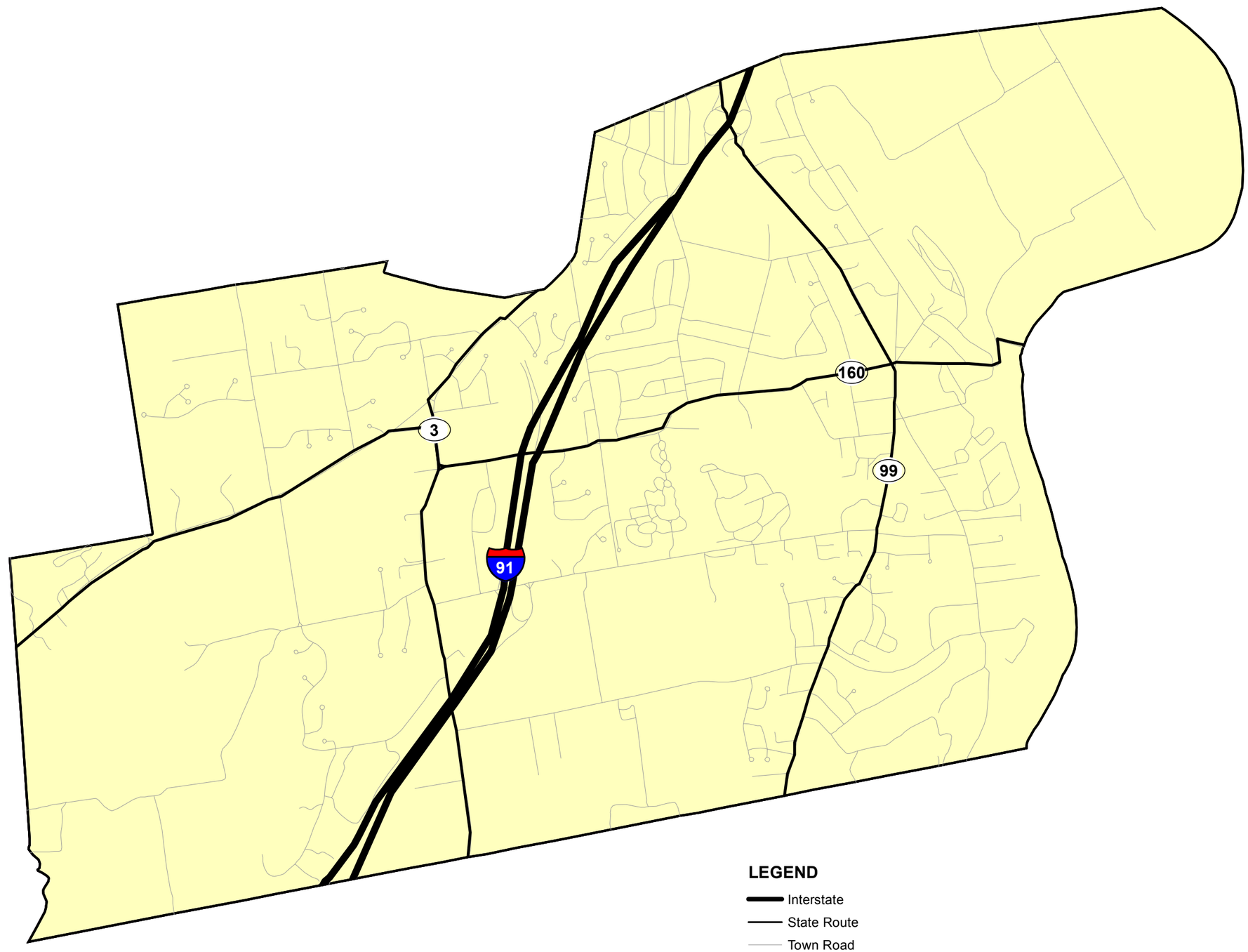
PROJECT NO.: 1017-05-04

**ESA Fig. 52**

SHEET NAME

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M:\01\1017-05\GIS\MapFiles\ESA maps in use now\Overview\No_Data\5-2_Portland.mxd




**LEGEND**

- Interstate
- State Route
- Town Road
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

N
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**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

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**Rocky Hill ESA Declaration**

**Rocky Hill ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Rocky Hill, CT

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

SCALE: 1:30,000

DATE: MARCH 15, 2017

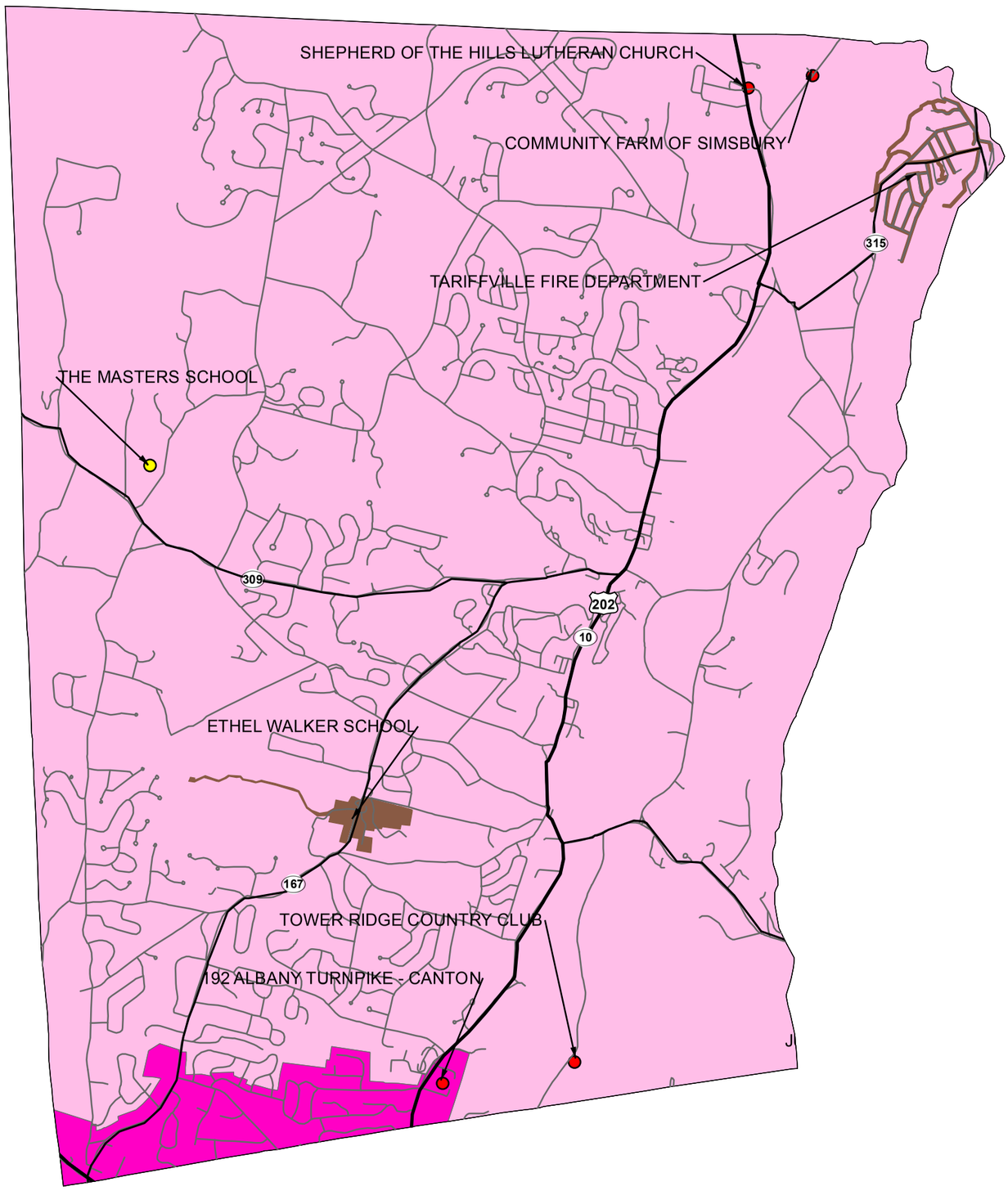
PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 53**

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## 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
- AVON WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

**ESA Fig. 54**

PROJECT NO. 1017-05-04
DATE MARCH 15, 2017
SCALE 1:48,000
DESIGNED SJB
DRAWN MER
CHECKED SJB

**Simsbury ESA Declaration**

**For Simsbury ESA Boundary Delineation**
**Central PWSMA**

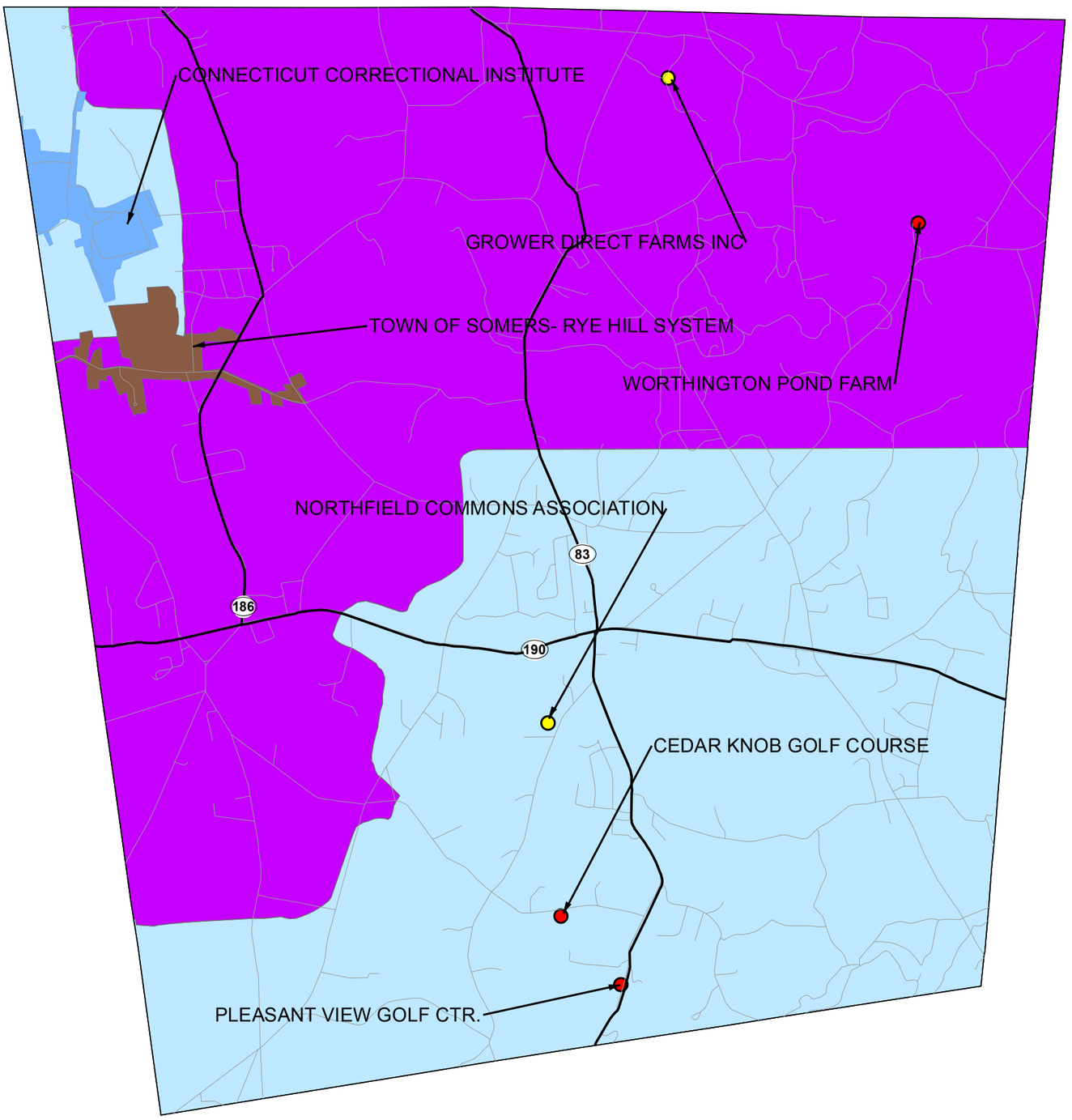
Central WUCC
Simsbury, CT

| REVISIONS | | |
|---|---|---|
| DESCRIPTION | DATE | BY |
| Correct Avon WC ESA | 04/28/2017 | SJB |

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**LEGEND**

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- STATE AGENCY COMMUNITY WATER SYSTEM SERVICE AREA
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- HAZARDVILLE WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREAS

SHEET NAME: **ESA Fig. 55**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

SCALE: 1:42,000

DESIGNED: SJB
DRAWN: MER
CHECKED: SJB

**Somers ESA Declaration**

**For Somers ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Somers, CT

**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/17 | MER |

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MITCHELL ASSOCIATES

LITTLE TASTE OF TEXAS

LEARNING CENTER, LLC.

WATERVIEW BUSINESS PARK

MESSIAH LUTHERAN CHURCH

FAIRWAY MINIATURE GOLF AND BATTING CAGES

194

74

5

30

291

**LEGEND**

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

**Final Recommended Exclusive Service Area**

- CONNECTICUT WATER COMPANY
- MANCHESTER WATER DEPARTMENT
- METROPOLITAN DISTRICT COMMISSION

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Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |
| MWD Service Area | 6/2/2017 | SJB |

**South Windsor ESA Declaration**

**For South Windsor ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
South Windsor, CT

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

SCALE: 1:36,000

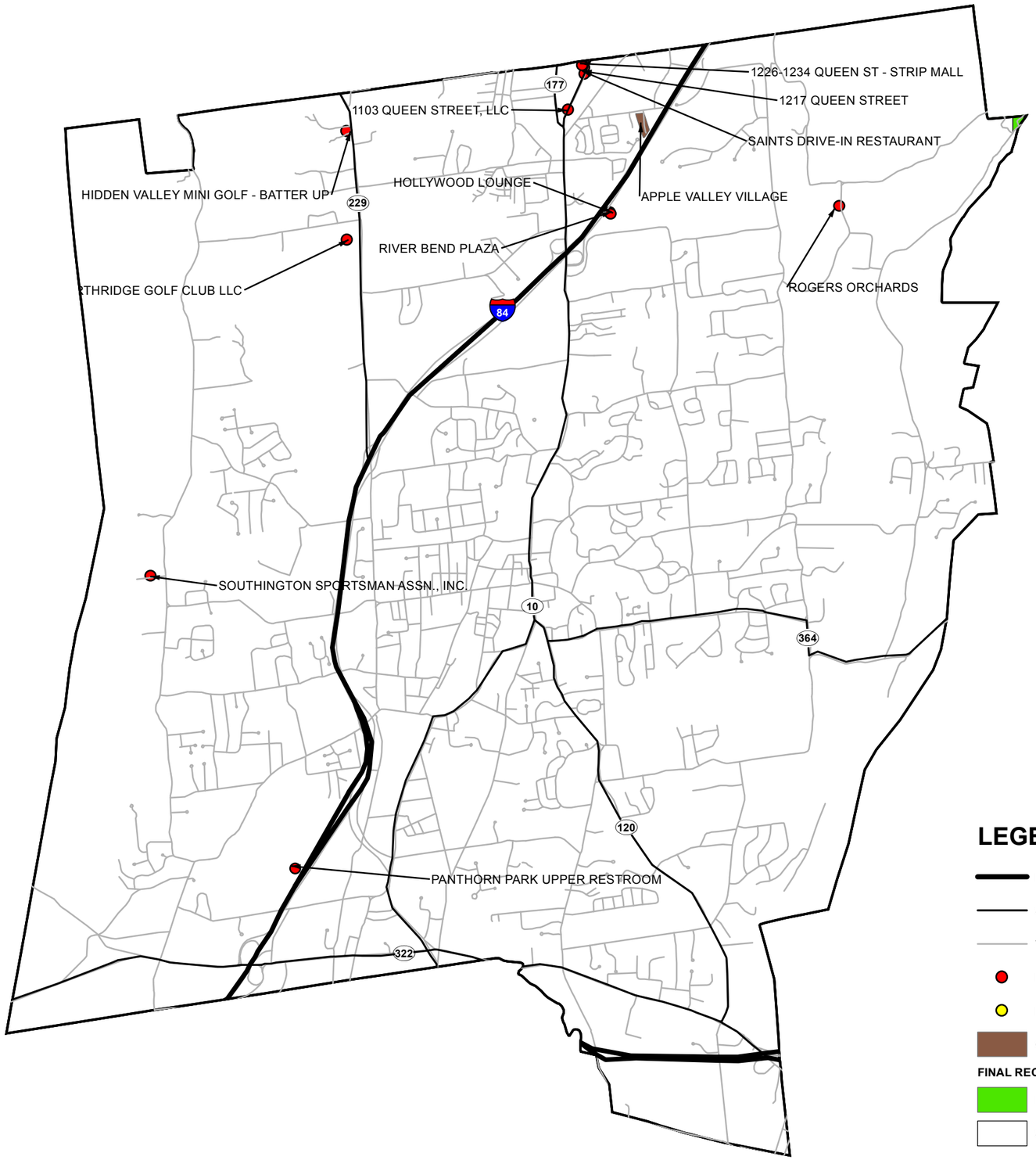
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 56**

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## LEGEND

- Interstate
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

**FINAL RECOMMENDED EXCLUSIVE SERVICE AREAS**

- NEW BRITAIN WATER DEPARTMENT
- SOUTHINGTON WATER DEPARTMENT

N W E S — 0 2,600 Feet


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|---|---|---|
| New Britain ESA, Legend | 5/8/2017 | SJB |

**Southington ESA Declaration**

**Southington ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Southington, CT

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

SCALE: 1:50,000

DATE: MARCH 15, 2017

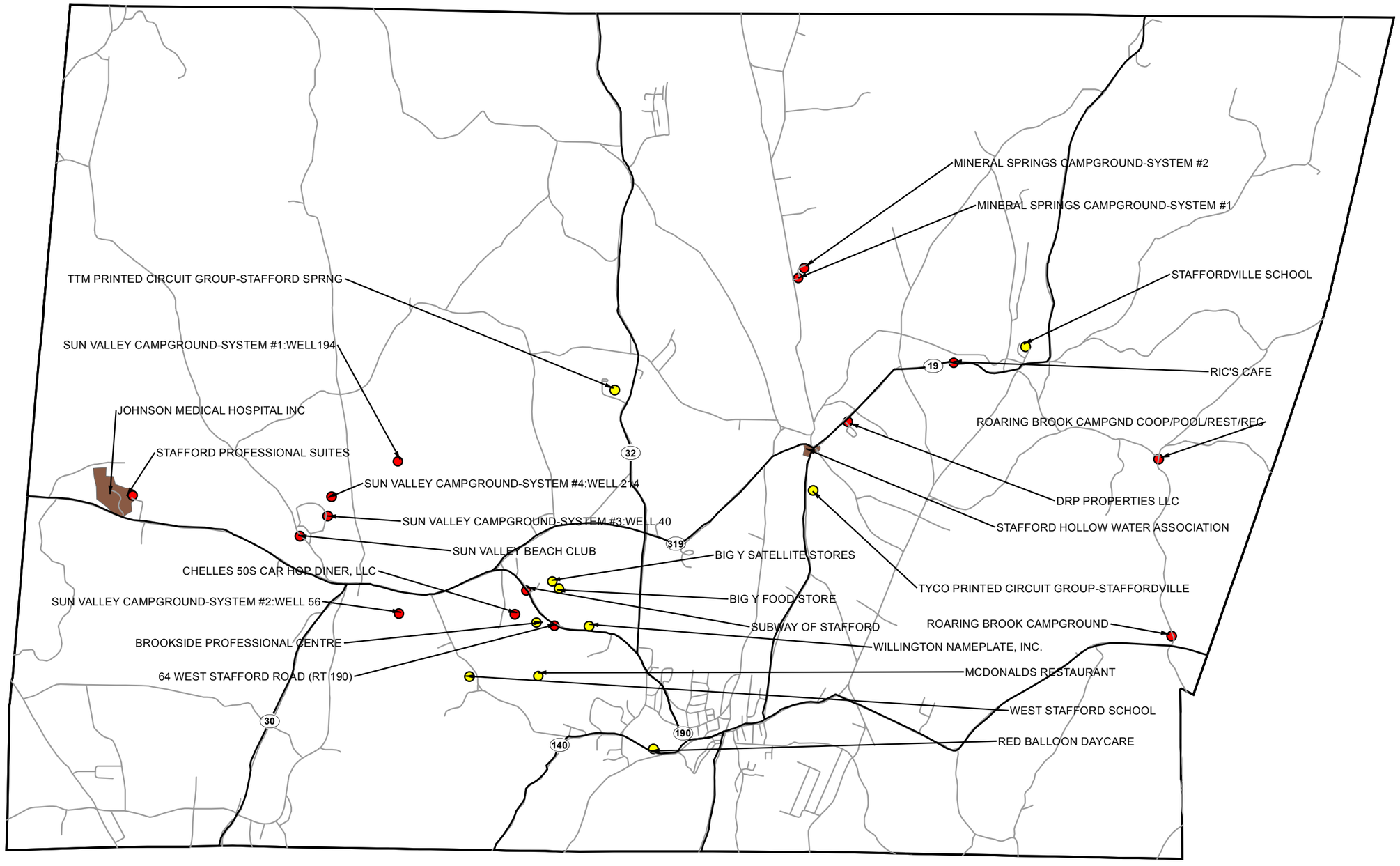
PROJECT NO.: 1017-05-04

**ESA Fig. 57**

SHEET NAME

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## LEGEND

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA (CLEAR)
- OTHER COMMUNITY WATER SYSTEM SERVICE AREAS AND EXCLUSIVE SERVICE AREA

N W E S 0 2,600 Feet

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|---|---|---|
| Legend update | 5/9/2017 | SJB |

**Stafford ESA Declaration**

**Stafford ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Stafford, CT

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

SCALE: 1:50,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

**ESA Fig. 58**

SHEET NAME

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AQUARION WATER COMPANY-WEST SUFFIELD SYSTEM

SUNRISE PARK - PAVILION

BAKER NURSERIES

1365 MOUNTAIN ROAD - SUFFIELD

VFW POST 9544

GOOD SHEPHERD LUTHERAN CHURCH

AIRWAVES GOLF COURSE

187

168

75

190

159

## LEGEND

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

N

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0 2,800

Feet

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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

**Suffield ESA Declaration**

**For Suffield ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Suffield, CT

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

SCALE: 1:48,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

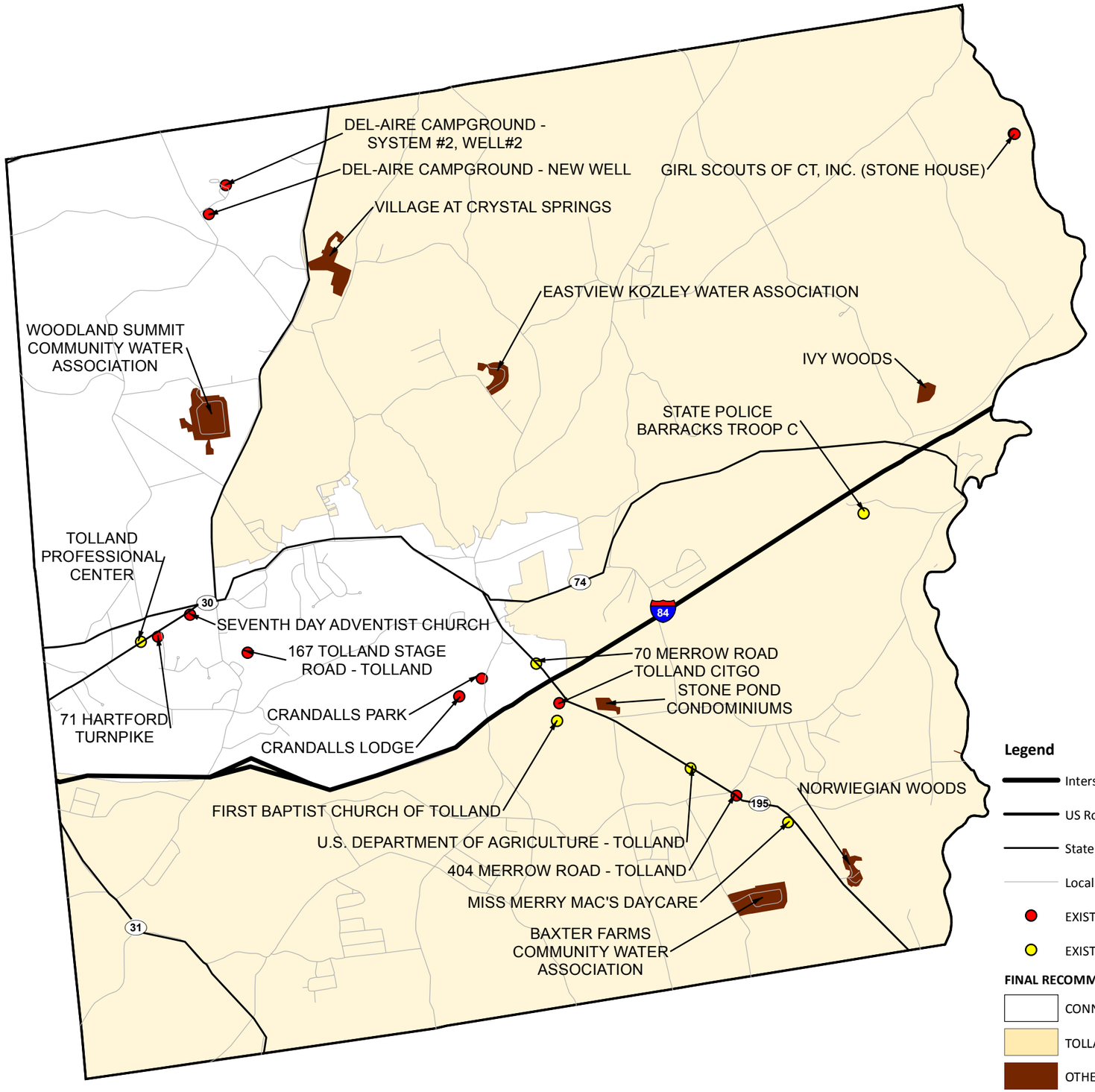
**ESA Fig. 59**

SHEET NAME

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mxd pdf "S:\GIS\MXD\ESA maps\Suffield ESA 1017-05-04.mxd"

K:\DOT\1017-05\GIS\MapFiles\ESA maps in new draft towns\Central\Final Drafts\60_Tolland.mxd




N
W E
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2,800
Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Legend update | 5/9/2017 | SJB |

Exclusive Service Area Map

Town of Tolland, Connecticut
Central PWSMA
Central WUCC
Tolland, CT

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

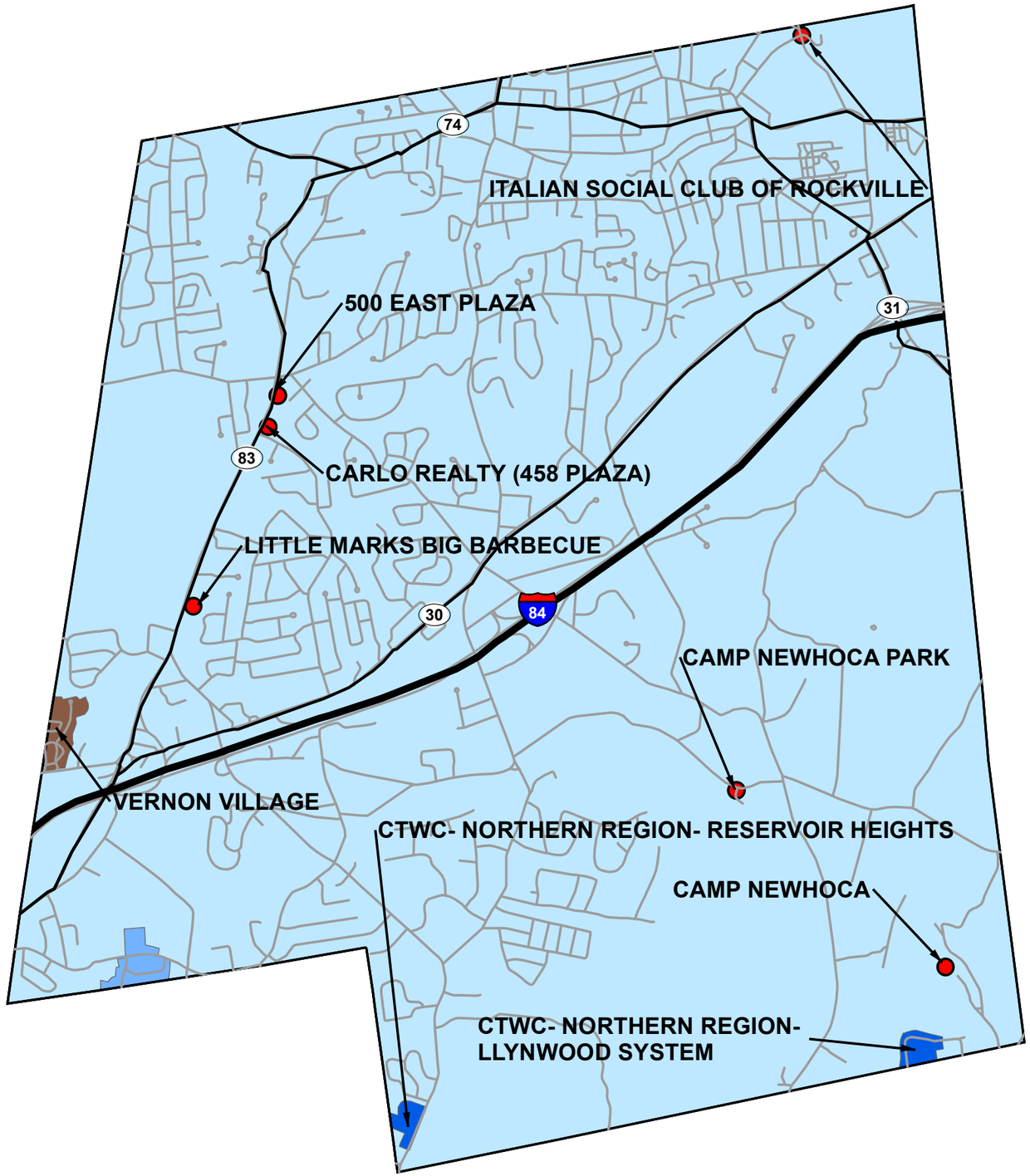
SCALE: 1:48,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 60

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## LEGEND

- Interstate
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- OTHER CONNECTICUT WATER COMPANY COMMUNITY WATER SYSTEM SERVICE AREA
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

**Final Recommended Exclusive Service Area**

- CONNECTICUT WATER COMPANY
- MANCHESTER WATER DEPARTMENT

N S E W

0 2,000 Feet

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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |
| MWD Service Area | 6/2/2017 | SJB |

Vernon ESA Declaration

For Vernon ESA Boundary Delineation
Central PWSMA

Central WUCC
Vernon, CT

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

SCALE: 1:36,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 61

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- WALLINGFORD WATER DIVISION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 62**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

SCALE 1:50,000

DESIGNED SJB
DRAWN MER
CHECKED SJB

**Wallingford ESA Declaration**

**Wallingford ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Wallingford, CT

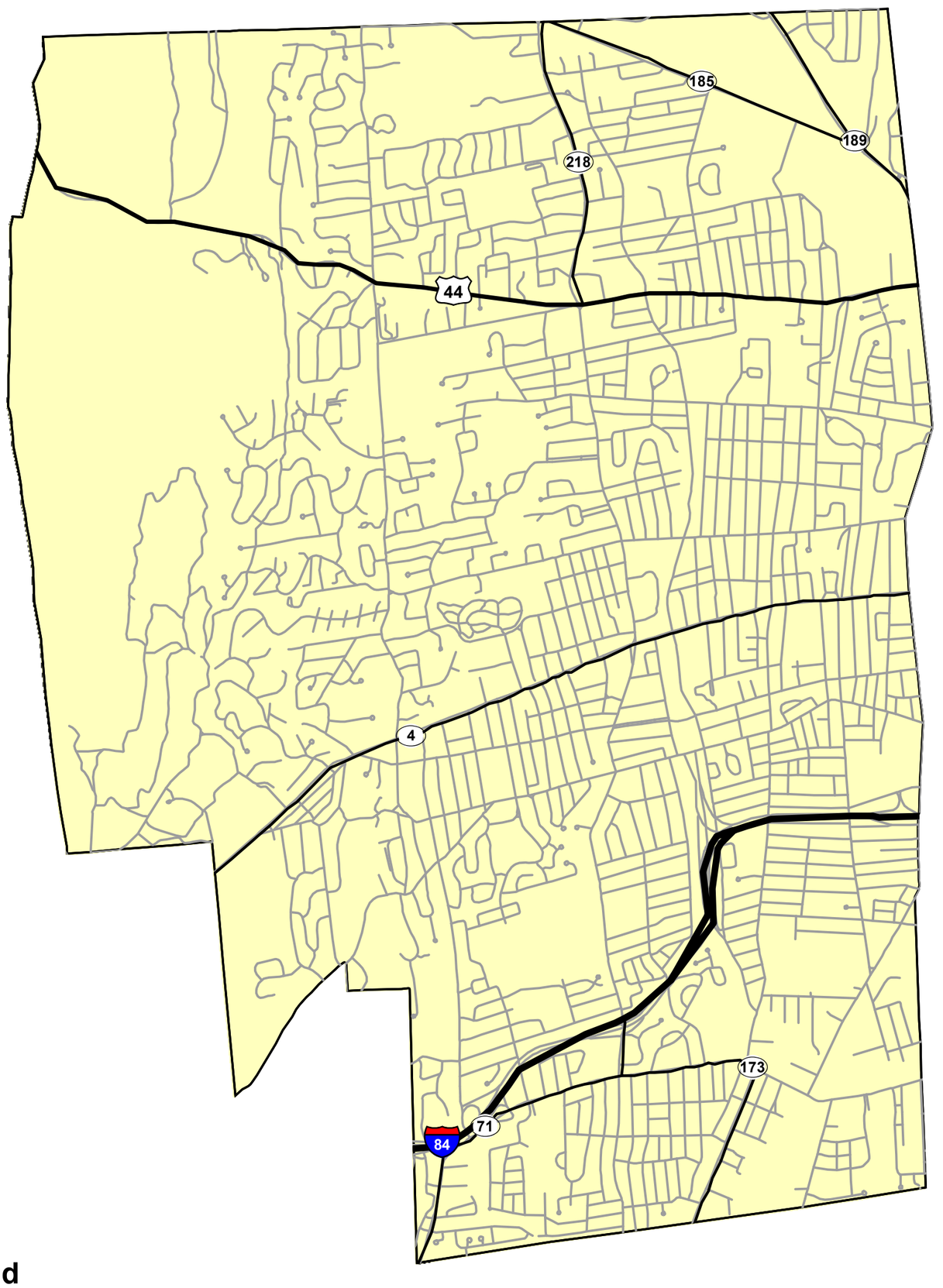
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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

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## Legend

- Interstate
- US Route
- State Route
- Town Road
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 63**

SHEET NAME

DATE: MARCH 15, 2017

SCALE: 1:36,000

PROJECT NO.: 1017-05-04

DESIGNED: SJB

DRAWN: MER

CHECKED: SJB

**West Hartford ESA Declaration**

**West Hartford ESA Boundary Delineation**
**Central PWSMA**

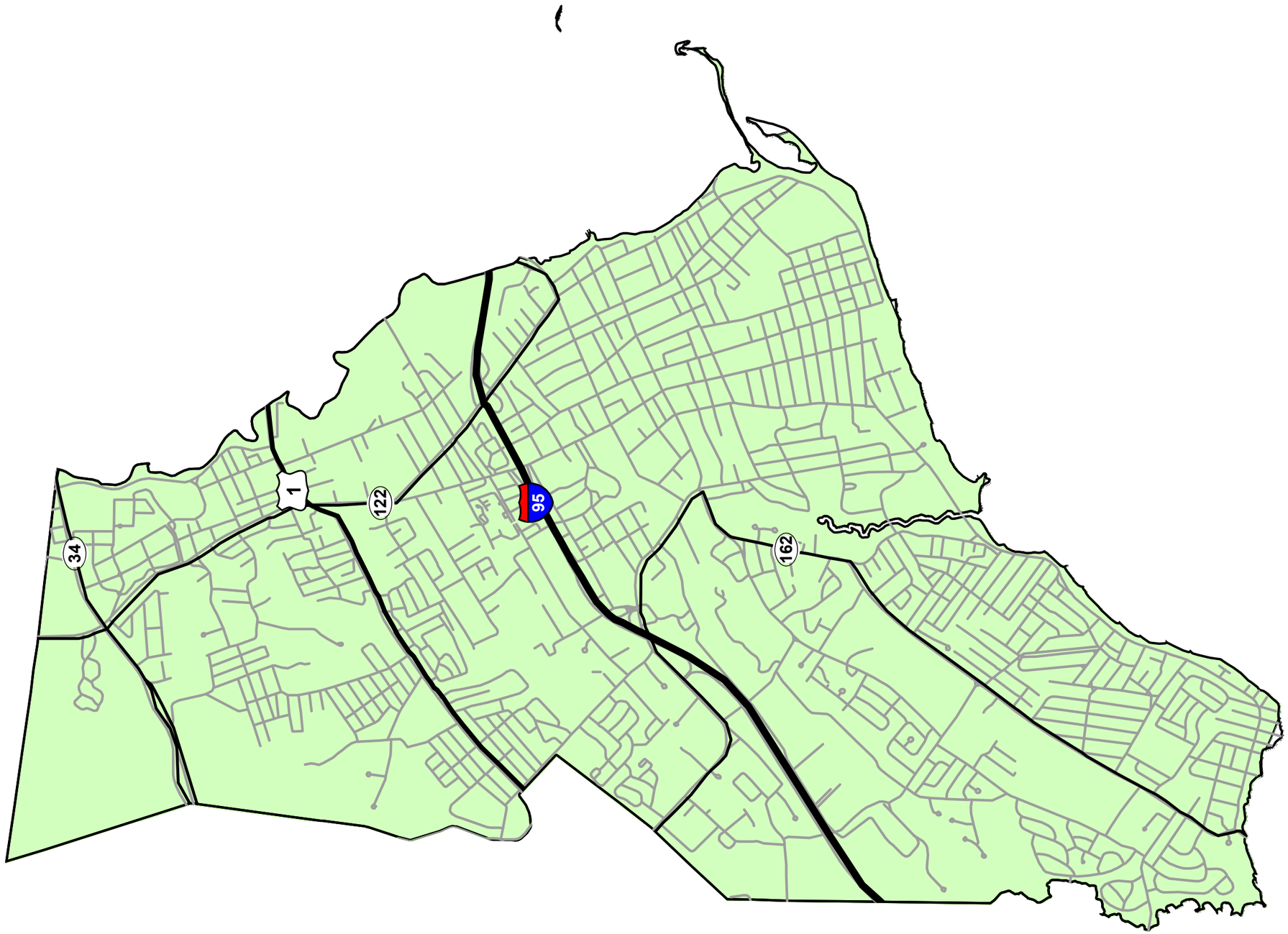
Central WUCC
West Hartford, CT

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|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

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## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXCLUSIVE SERVICE AREA
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

N E S W

0 1,600 Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

West Haven ESA Declaration

West Haven ESA Boundary Delineation
Central PWSMA

Central WUCC
West Haven, CT

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

SCALE: 1:30,000

DATE: MARCH 15, 2017

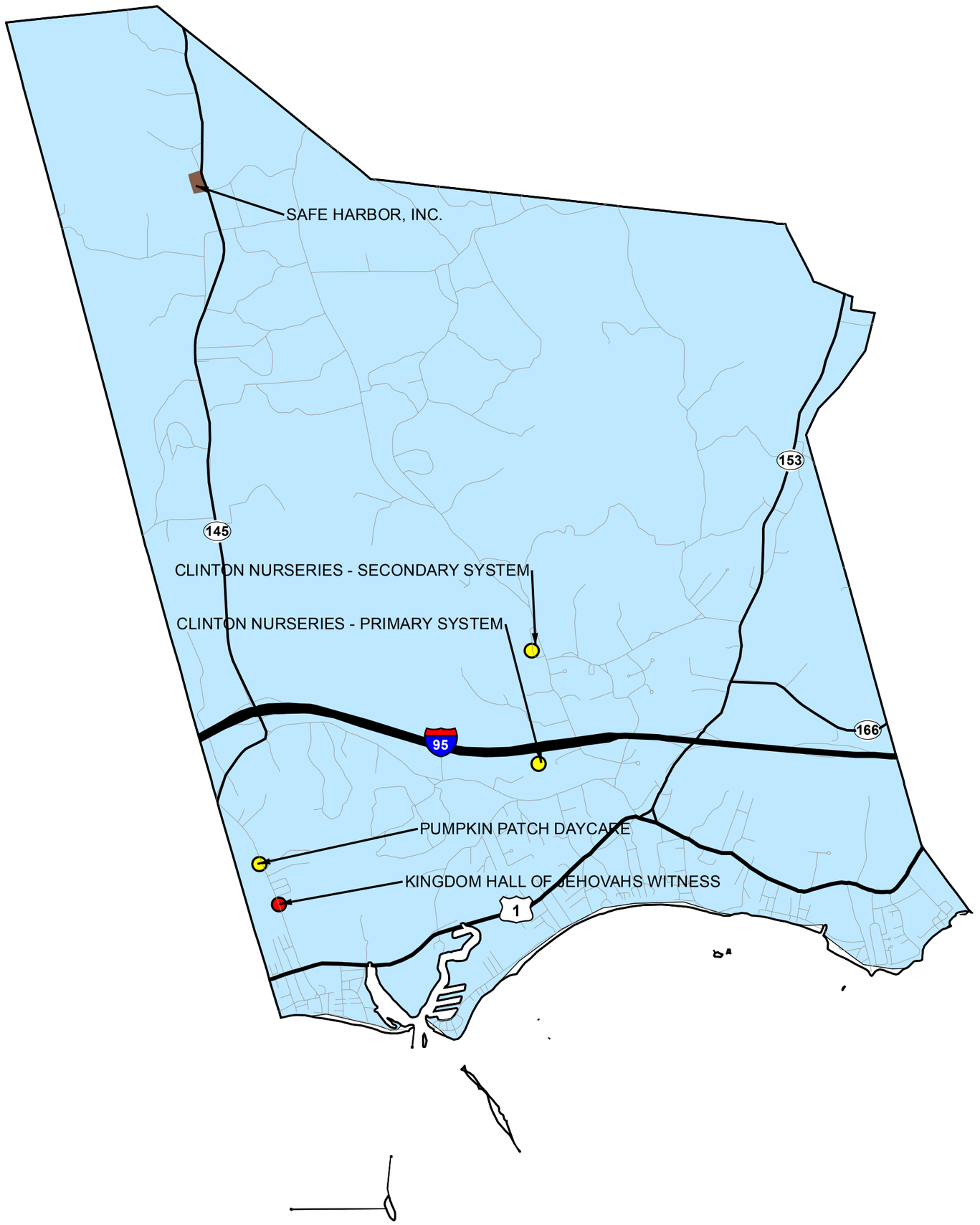
PROJECT NO.: 1017-05-04

SHEET NAME: ESA Fig. 64

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K:\DOT\1017-05-04\ESA\Maps\ESA Maps.mxd "Dan Hayes" 3/15/2017 3:54:54 PM New Haven.mxd

MXD: V:\1017-05\GIS\Maps\ESA maps indiv dual town\General\No_DEEP\5_Westbrook.mxd




## Legend

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- EXCLUSIVE SERVICE AREA UNASSIGNED
- OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA

**ESA Fig. 65**

PROJECT NO. 1017-05-04
DATE MARCH 15, 2017
SCALE 1:36,000
DESIGNED SJB
DRAWN MER
CHECKED SJB

**Westbrook ESA Declaration**

**For Westbrook ESA Boundary Delineation**
**Central PWSMA**

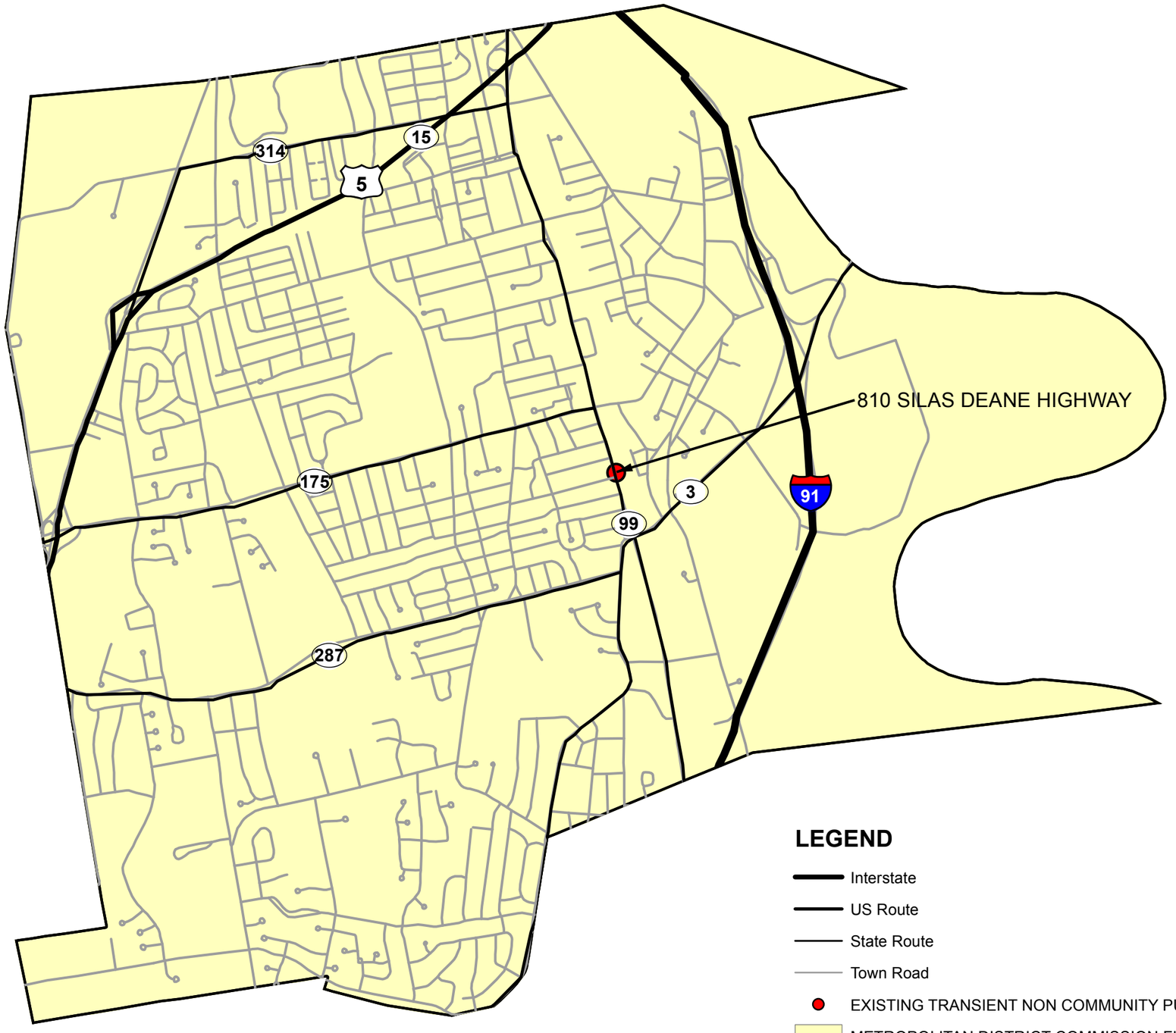
Central WUCC
Westbrook, CT

REVISIONS

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

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## LEGEND

- Interstate
- US Route
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|

**Wethersfield ESA Declaration**

**Wethersfield ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Wethersfield, CT

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

SCALE: 1:30,000

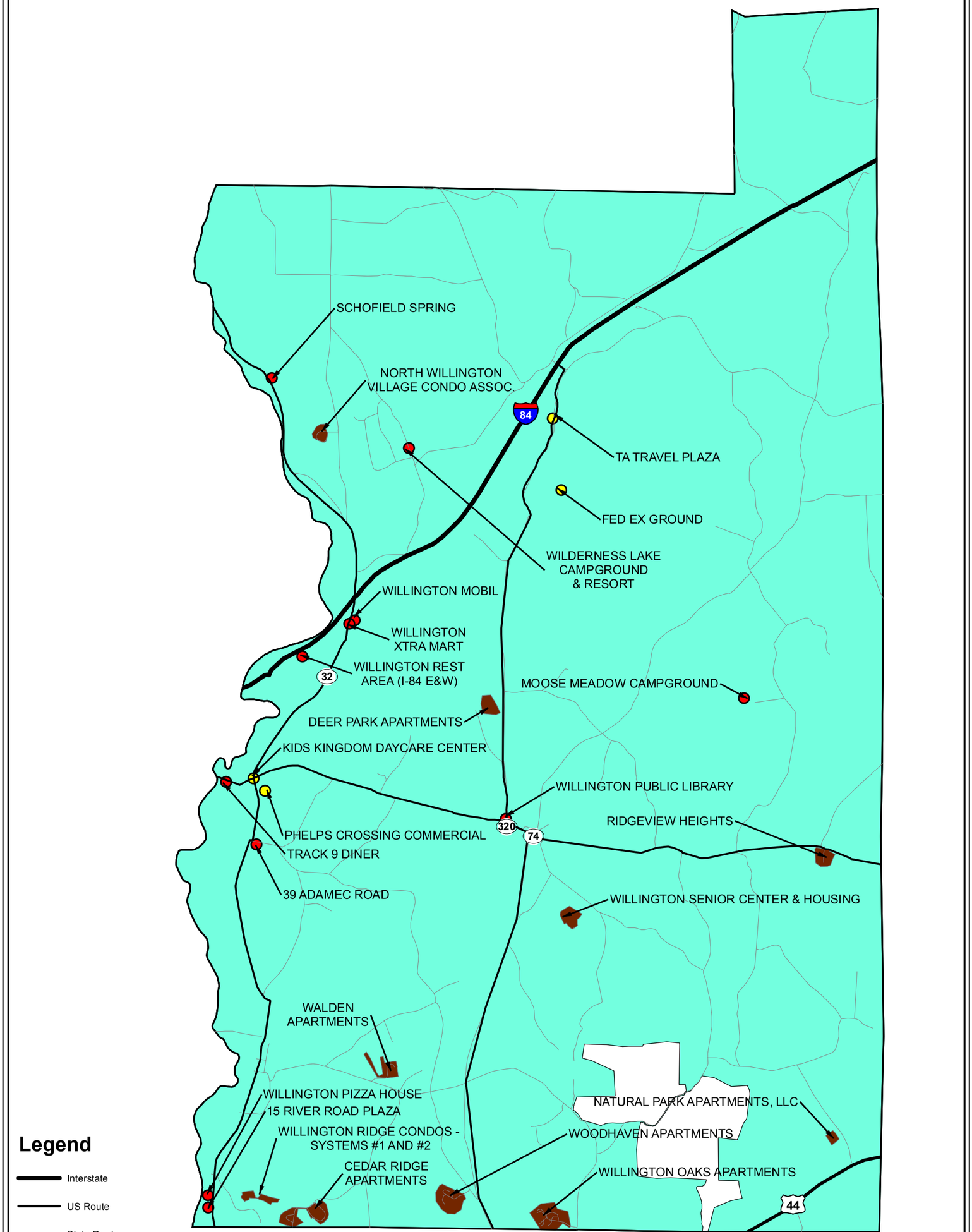
DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

SHEET NAME: **ESA Fig. 66**

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MXD: V:\1017-05\GIS\Maps\ESA maps indiv dual town\General\Final Distrib\EF_Willington.mxd

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SHEET NAME: **ESA Fig. 67**

PROJECT NO.: 1017-05-04

DATE: MARCH 15, 2017

SCALE: 1:42,000

DESIGNED: SJB
DRAWN: MER
CHECKED: SJB

**Exclusive Service Area Map**

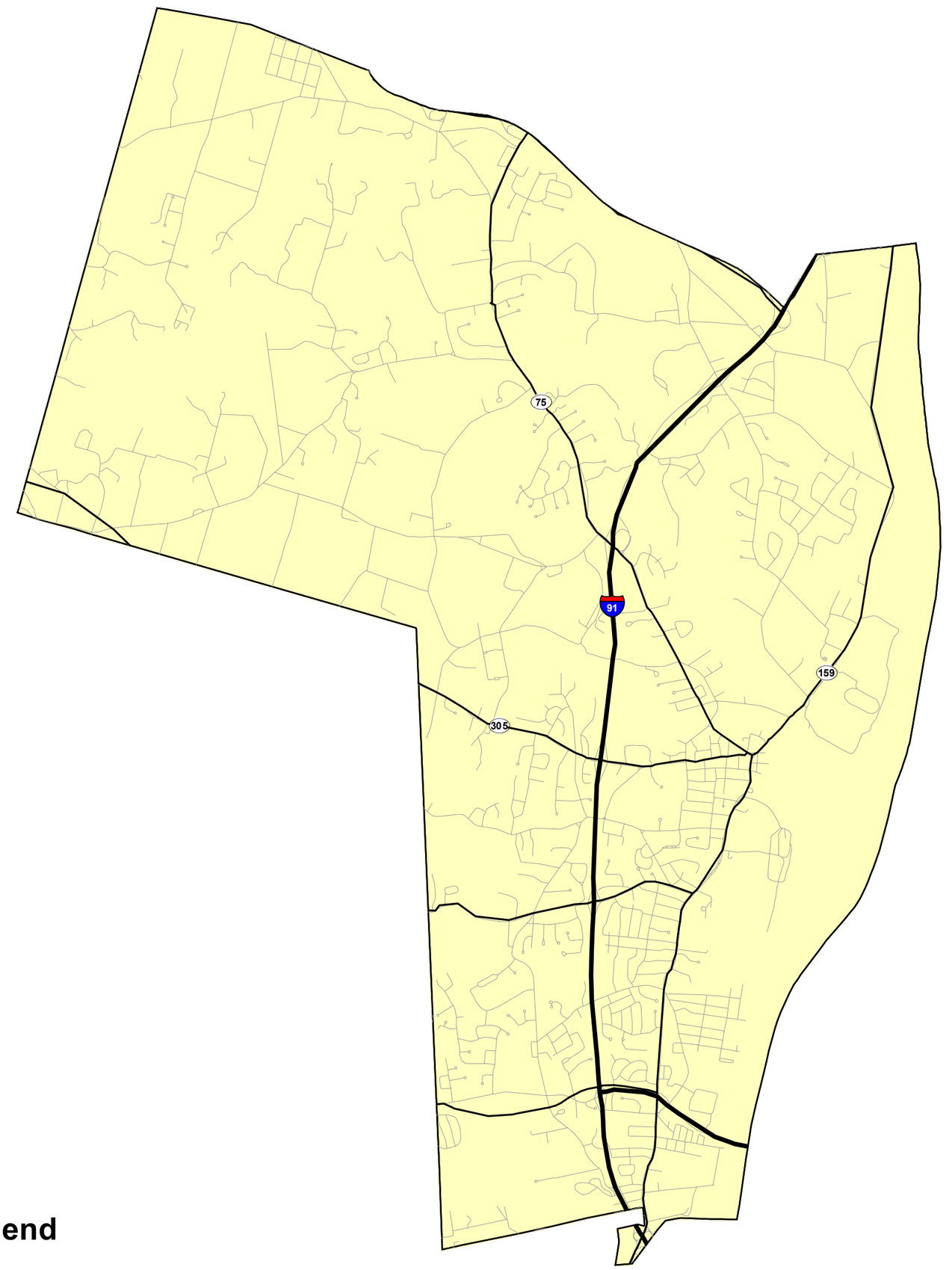
**Town of Willington, Connecticut**
**Central PWSMA**

Central WUCC
Willington, CT

| REVISIONS | | |
|---|---|---|
| DESCRIPTION | DATE | BY |
| Legend update | 5/9/2017 | SJB |


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## Legend

- Interstate
- State Route
- Town Road
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 68**

SHEET NAME

PROJECT NO. 1017-05-04

DATE MARCH 15, 2017

SCALE 1:50,000

DESIGNED SJB | DRAWN MER | CHECKED SJB

**Windsor ESA Declaration**

**Windsor ESA Boundary Delineation**
**Central PWSMA**

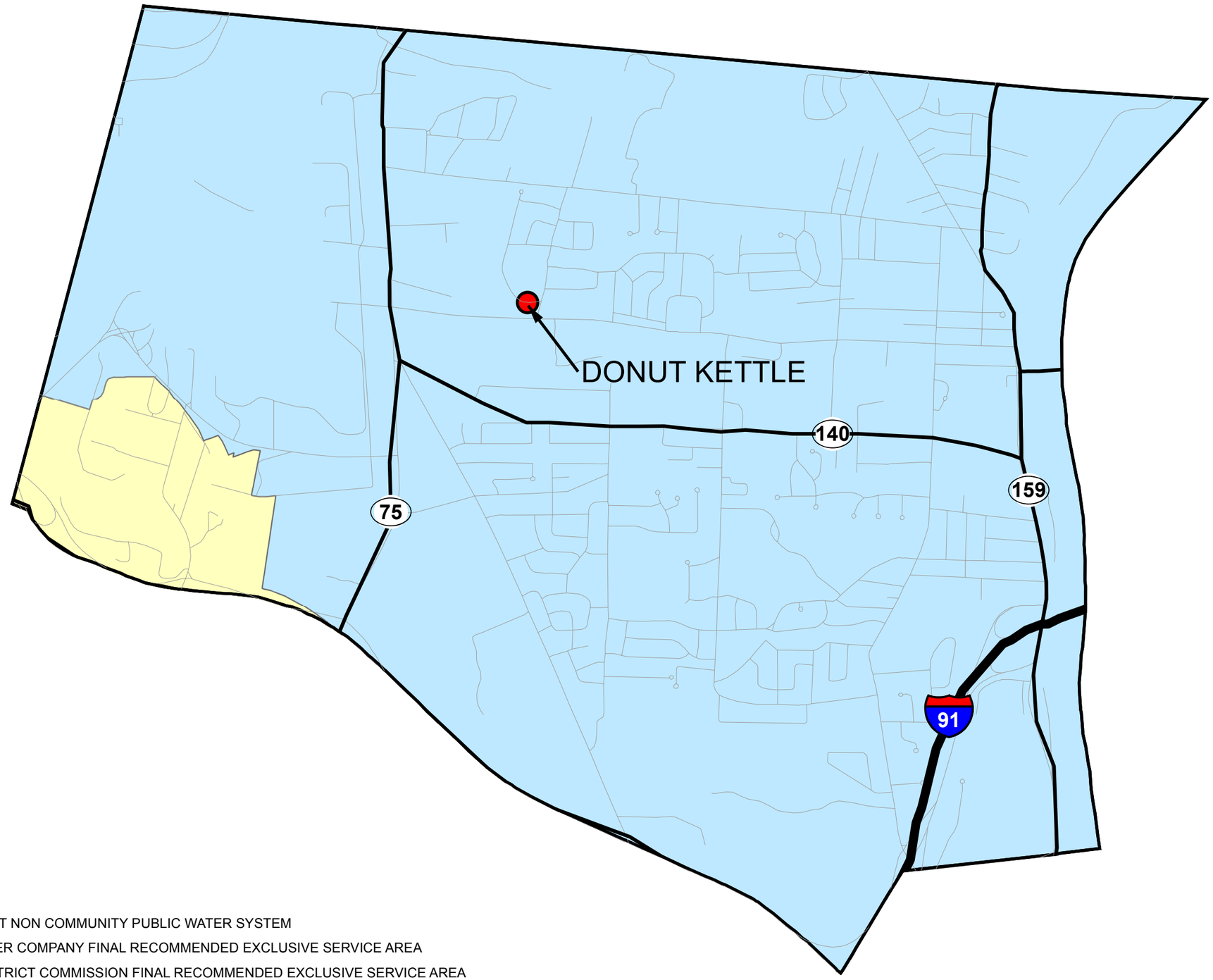
Central WUCC
Windsor, CT

**REVISIONS**

| DESCRIPTION | DATE | BY |
|---|---|---|
| Removed DEEP Lands | 05/23/2017 | MER |

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## LEGEND

- Interstate
- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
- METROPOLITAN DISTRICT COMMISSION FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

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Feet

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| DESCRIPTION | DATE | BY |
|---|---|---|

**Windsor Locks ESA Declaration**

**Windsor Locks ESA Boundary Delineation**
**Central PWSMA**
Central WUCC
Windsor Locks, CT

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

SCALE: 1:24,000

DATE: MARCH 15, 2017

PROJECT NO.: 1017-05-04

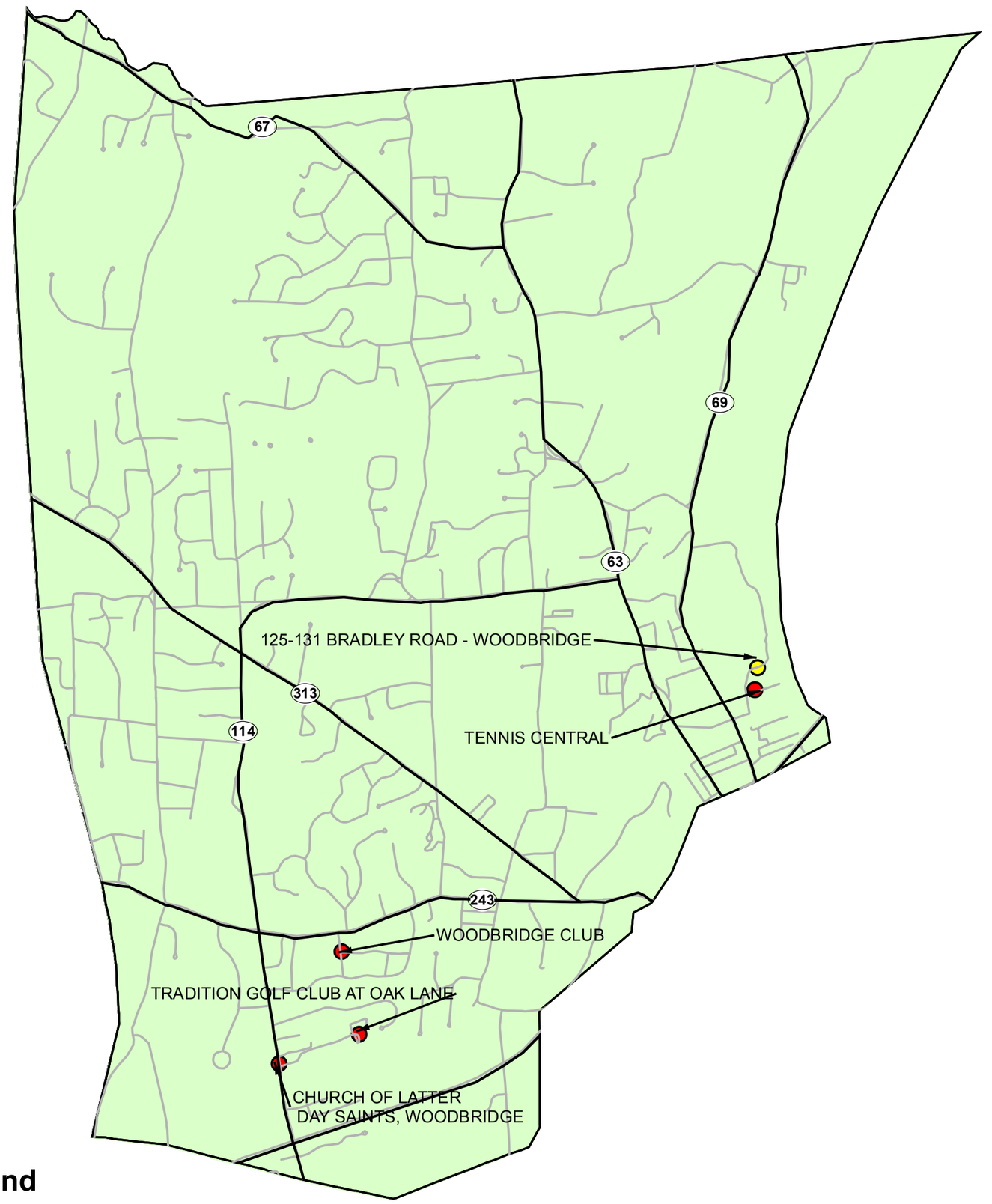
**ESA Fig. 69**

SHEET NAME

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MXD: V:\1017-05\GIS\MXD\Central\Central PWSMA\Windsor Locks ESA Figure.mxd "Windsor Locks ESA Figure" 8.5x11 Landscape

MXD: V:\1017-05\GIS\Maps\ESA maps\Individual towns\General\No_DEEP\O_Woodbridge.mxd




## Legend

- State Route
- Town Road
- EXISTING TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- EXISTING NON TRANSIENT NON COMMUNITY PUBLIC WATER SYSTEM
- SOUTH CENTRAL CONNECTICUT REGIONAL WATER AUTHORITY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA

**ESA Fig. 70**

PROJECT NO. 1017-05-04
DATE MARCH 15, 2017
SCALE 1:36,000
DESIGNED SJB
DRAWN MER
CHECKED SJB

**Woodbridge ESA Declaration**

**Woodbridge ESA Boundary Delineation**
**Central PWSMA**

Central WUCC
Woodbridge, CT

REVISIONS

| DESCRIPTION | DATE | BY |
|---|---|---|
| Remove DEEP Lands | 05/23/2017 | MER |

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# APPENDIX F

## PUBLIC COMMENTS RECEIVED ON THE PRELIMINARY EXCLUSIVE SERVICE AREA DOCUMENT

# Log of Comments – Preliminary ESA Document – Central Region WUCC

| *Date* | *Commenter* | *Main Points* | *Response/Edits* |
|---|---|---|---|
| 3/13/2017 | Avon Water Company | ▪ Requested Avon Water Company ESA to be shown for Farmington on ESA Map 25 | ▪ Corrected ESA Map 25 as requested. |
| 3/16/2017 | Town of Coventry | ▪ Requested depicting additional Town water systems in Coventry on ESA Map 12<br>▪ Requested correction to location of one the Coventry Grammar School system<br>▪ Requested corrections to certain CWC system labels | ▪ Corrected ESA Map 12 as requested. Note that the locations of the Town Hall and Board of Education were labeled on the map as requested but do not appear to meet the threshold to be public water systems. |
| 3/20/2017 | Valley Water Systems | ▪ Questioned whether DEEP land in Farmington shown on ESA Map 25 in Valley Water System's Preliminary ESA was actually owned by Connecticut DEEP | ▪ The DEEP-owned land in this area appears to be depicted correctly based on information maintained on the CRCOG GIS Viewer which links to the Town of Farmington online land record database. Property owners in the vicinity of the Valley Water Systems ESA appear to include Connecticut Department of Transportation, the City of Hartford, and the Town of Farmington. |
| 3/21/2017 | Avon Water Company | ▪ Requested corrected ESA boundaries in Avon, Farmington, and Simsbury to be shown on ESA Maps 2, 25, and 54 | ▪ Corrected the Avon Water Company ESA on ESA Maps 2, 25, and 54 to be consistent with the ESA boundary on the provided parcel mapping. |
| 3/22/2017 | Aquarion Water Company | ▪ Noted 1997 Agreement between West Service Corporation and CWC clarifying ESA boundary of West Service Corporation, and requested DPH assistance in determining if the former Upper CT River WUCC ever assigned an ESA to West Service Corporation | ▪ WUCC Co-Chair / CWC noted that an ESA was never assigned to West Service Corporation beyond the existing system boundary, which is consistent with the system boundary shown on ESA Map 59 for Suffield. |
| 3/29/2017 | Town of Mansfield | ▪ Noted that three CWC systems and one additional non-community system were not shown on the map for Mansfield (ESA Map 37) | ▪ The three CWC systems were not shown as it was a preference of the Central WUCC to not depict the systems of the underlying ESA holder on the ESA Maps. However, given the complexity of the water systems in Mansfield, these systems have been added back in and labeled on ESA Map 37.<br>▪ Toast Four Corners is a relatively recent public water system which post-dated the non-community system database provided by DPH. Its location was added to ESA Map 37. |
| 3/30/2017 | Town of Suffield | ▪ Requested clarification regarding AWC's West Suffield System and how it relates to ESA boundaries | ▪ WUCC Co-chair responded that the Exclusive Service Area for West Service Corporation was limited by the Upper Connecticut River WUCC to the area served at that time and that, at a minimum, ESAs are assigned that are coincident with whatever area an existing water system is serving at the time. The current ESA boundary for the Aquarion – West Suffield System is therefore the boundaries of that system as shown on ESA Map 59 for Suffield. |

| *Date* | *Commenter* | *Main Points* | *Response/Edits* |
|---|---|---|---|
| 4/3/2017 | Connecticut DEEP | ▪ Thanked Central 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<br>▪ Encouraged the Central WUCC to finalize the same designation of Department lands, map notes, and textual summary in the final ESA plan | ▪ The Central WUCC voted at the February 15, 2017 WUCC meeting to not show DEEP lands on any of ESA maps, but to note the DEEP's special status as a state agency in the ESA Document. The lands were therefore shown on the ESA maps in the Preliminary ESA Document in error. However, DEEP lands continue to be shown on Appended Figures 1 and 2 for reference purposes, with the description of "DEEP lands where ESA boundaries may not be enforceable." |
| 4/11/2017 | Connecticut DPH | ▪ Acknowledged that all components in RCSA Section 25-33h-1(d)(B) have been included<br>▪ Requested location correction to Bolton Center School system on ESA Map 6<br>▪ Requested depicting a recently constructed TNC water system in Cromwell on ESA Map 13<br>▪ Requested that the Central WUCC continue to work with local officials | ▪ Corrected ESA Map 6 as requested.<br>▪ Corrected ESA Map 13 as requested. |
| 4/17/2017 | Town of Mansfield | ▪ Noted that WWW was the more reasonable utility to serve Perkins Corner, and encouraged CWC and WWW to work together to meet any water needs in this area, and to change ESA boundaries if necessary<br>▪ Suggested that additional UConn parcels or areas where no development is proposed remain unassigned, such as the Pink Ravine tract and the Fenton tract, instead of being shown as currently served areas.<br>▪ Noted the development of a recent non-community water system (Toast Four Corners).<br>▪ Requested corrections to the location of non-community water systems, such as in Perkins Corner<br>▪ Requested verification that DEEP lands are correctly identified and provided specific examples where state lands appear to be owned by Connecticut DOT, or are not shown but appear to be owned by Connecticut DEEP. | ▪ In general, the Central WUCC does not disagree with the assertion that a utility outside of an ESA boundary may be better suited to serve a particular area. However, Windham Water Works did not express an interest in Perkins Corner as part of the ESA declaration process, and has made clear at the Eastern WUCC meetings that they are not interested in operating satellite systems. In the event that centralized public water supply is needed at Perkins Corner, it is likely that extension of a water main from Windham Water Works will be one of the alternatives considered, and the Central WUCC could be a forum for discussion. See Section 3.4 of this document for coordination goals of the Central WUCC moving forward.<br>▪ ESA Map 37 has been updated to designate the University of Connecticut as a state agency service area as opposed to an existing service area.<br>▪ Addressed Toast Four Corners as part of previous comment response.<br>▪ Corrected the location of the Perkins Corner NTNC system.<br>▪ DEEP lands have been removed from the mapping as noted above, although they are still on the smaller scale PWSMA and statewide maps (Appended Figures 1 & 2) for informational purposes. DEEP lands may change overtime and it is encouraged that any utility check local land records when appropriate. |

| *Date* | *Commenter* | *Main Points* | *Response/Edits* |
|---|---|---|---|
| 4/18/2017 | Town of Bolton | ▪ Noted support for the ESA designations of the Town of Bolton and CWC<br>▪ Requested that proposed AWC ESA in Bolton be restricted to R-2, R-3, Industrial and General Business zones along the Route 6 corridor.<br>▪ Requested that the remainder of Town, other than identified ESAs noted above, be unassigned due to low-density single-family residential uses, lack of business uses, the Town's goal as identified in its 2015 POCD of retaining its rural and community character. | ▪ Based on the Town's comments and subsequent requests, the CWC ESA was extended along the Route 6 corridor in the areas requested, and AWC retracted its claims in the remainder of town, resulting in those areas becoming unassigned per the Town's request. |
| 4/18/2017 | Alison Hilding (Mansfield Resident) | ▪ Noted that WWW was the more reasonable utility to serve Perkins Corner<br>▪ Suggested that a larger WWW ESA in southern Mansfield may be appropriate given the value in having diverse water sources and also in light of the possibility of localized droughts<br>▪ Expressed concern regarding unfamiliarity of local elected officials in Mansfield with the ESA process<br>▪ Expressed concern regarding status of short-term and long-range planning for water use in Mansfield, particularly with a connection to land use planning | ▪ In general, the Central WUCC does not disagree with the assertion that a utility outside of an ESA boundary may be better suited to serve a particular area. However, Windham Water Works did not express an interest in Perkins Corner or any areas outside of its preliminary ESA assignment as part of the ESA declaration process, and has made clear at the Eastern WUCC meetings that they are not interested in operating satellite systems. In the event that centralized public water supply is needed at Perkins Corner, or in other areas in south-central Mansfield, it is likely that extension of a water main from Windham Water Works will be one of the alternatives considered, and the Central WUCC could be a forum for discussion. See Section 3.4 of this document for coordination goals of the Central WUCC moving forward.<br>▪ The Central WUCC has made a concerted effort to publicize ongoing efforts of the Central WUCC, and DPH maintains an extensive mailing list. All Central WUCC meetings are noticed and open to the public. All Central WUCC documents can be found online at http://www.ct.gov/dph/cwp/view.asp?a=3139&q=576506.<br>▪ The Central WUCC will make use of local planning information to address topics at a regional level in the Integrated Report, which hopefully will be able to be used by local planners to address such concerns. |

| *Date* | *Commenter* | *Main Points* | *Response/Edits* |
|---|---|---|---|
| 4/18/2017 | Rivers Alliance | ▪ Requested clarification of the limits of WUCC authority and DPH's role in overseeing the actions of the WUCCs, including in relation to the establishment of new public water systems<br>▪ Requested clarification of the process for DPH to remove an ESA holder | ▪ WUCCs are advisory and provide recommendations to Connecticut DPH. All new public water systems are required to make application to DPH, who may advise the WUCC of the application and request a recommendation with regard to whether service should be provided by an on-site well or by extension of another water system.<br>▪ The Central WUCC does not have authority over the operations of existing public water systems, and its recommendations are focused on assignment of ESAs for areas presently unserved by public water service. The Central WUCC adopted ESA Procedures on January 18, 2017, which includes a process for modification of ESAs. Any modification of ESAs would not affect the existing service area of that utility.<br>▪ DPH could also remove an ESA holder via consent order or the PURA takeover process, which is discussed in Section 3.2 of the ESA document. In this case, the ESA boundary would transfer to the receiving utility. |
| 4/19/2017 | University of Connecticut | ▪ Concurred with the depiction of UConn's water system and areas being left unassigned in Mansfield and Willington (ESA Maps 37 and 67)<br>▪ Concurred with the depiction that the UConn service area not have an ESA<br>▪ Requested clarifications to the text to reinforce UConn's continued authority to supply water from its existing system within its service area and that no delineated ESA is assigned to UConn's existing service territory | ▪ Corrected text as requested. |
| 4/28/2017 (Post-Comment Period) | Aquarion Water Company | ▪ Requested edits to legend on ESA Map 18 for East Hampton | ▪ Corrected ESA Map 18 as requested. |

**From:** Avon Water [mailto:avonwater@snet.net]
**Sent:** Monday, March 13, 2017 10:24 AM
**To:** 'CT DPH WUCC'
**Subject:** RE: Updated Draft ESA Maps

Please be advised that the Farmington map does not show the Farmington Woods Condominium Complex portion in Farmington, as Avon Water Company ESA. This should be changed.

Thank you,
Bob

Robert W. Wesneski
President
Avon Water Company
14 West Main Street
P.O. Box 424
Avon, CT 06001-0424
860-678-0001 (Tele)
860-678-0521 (Fax)
avonwater@snet.net

**Jeanine Gouin**

**From:** Eric Trott <etrott@coventryct.org>
**Sent:** Thursday, March 16, 2017 5:27 PM
**To:** Jeanine Gouin
**Subject:** Coventry ESA map
**Attachments:** 20170316173043548.pdf

Good Afternoon – I reviewed Coventry's ESA map included in the draft boundary document sent out today. I have a couple quick adjustments to suggest on it:

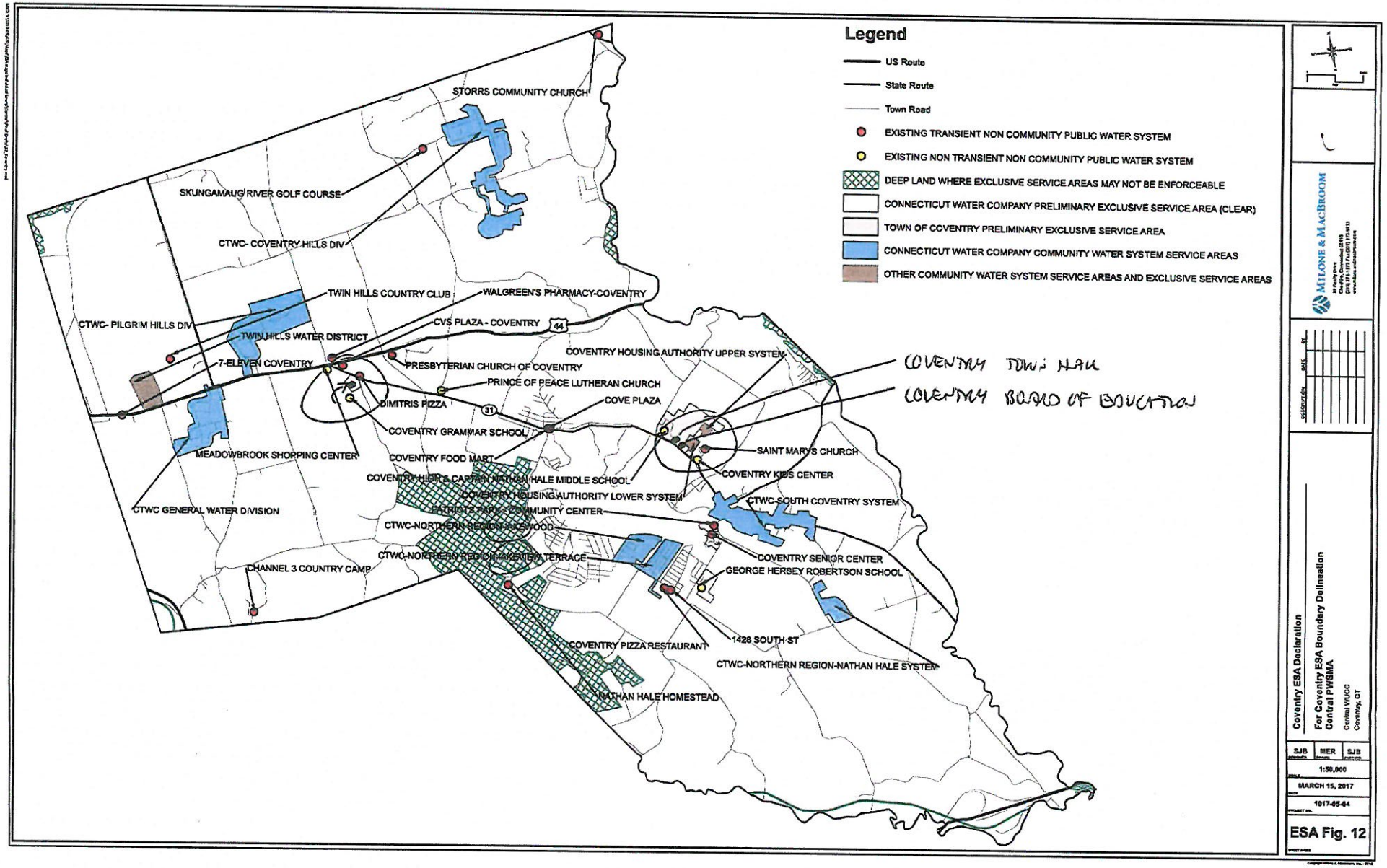
: Add the Town Hall and Board of Education buildings as indicated on the attached marked up copy.
: Move Coventry Grammar School to fit in the parcel located just north of the yellow dot.
: In the CTWC Northern Regions – Lakewood and Lakeview should be capital 'L's.

Otherwise the changes that we suggested previously look good.

Thank you!

*Eric M. Trott*
Coventry Director of Planning and Development
(860) 742-4062

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MILONE & MACBROOM

Coventry ESA Declaration

For Coventry ESA Boundary Delineation
Central PWSMA

Central WUCC
Coventry, CT

| SJB | MER | SJB |
|---|---|---|

1:50,000

MARCH 15, 2017

1617-05-64

ESA Fig. 12

**Jeanine Gouin**

**From:** David Radka <DRadka@ctwater.com>
**Sent:** Monday, March 20, 2017 9:50 AM
**To:** Tom Hansen; bhalloran@themdc.com; bavery@hazardvillewater.com
**Cc:** Jeanine Gouin
**Subject:** RE: Central WUCC

Thanks, Tom. I am including MMI on this reply so they can validate DEEP identified land in all 3 WUCCs. My understanding is the mapping provided by the agency was intended to only show that land under DEEP direct ownership and/or control.
Dave

*David Radka*
*Director of Water Resources & Planning*
*The Connecticut Water Company*
*860.664.6059 Work*
*860.391.4425 Mobile*

---

**From:** Tom Hansen [mailto:THansen@newenglandservicecompany.com]
**Sent:** Monday, March 20, 2017 9:44 AM
**To:** David Radka; bhalloran@themdc.com; bavery@hazardvillewater.com
**Subject:** Central WUCC

On behalf of Valley water Systems I have reviewed the preliminary recommended service area map and description. My only comment regards the description of DEEP land. WUCC says that for DEEP-owned and maintained lands within an ESA the rights and responsibilities assigned to the ESA holder may not apply to those lands.

However, in the case of the Farmington VWS/DEEP ESA, I do not think the DEEP owns or maintains any of the land that they are claiming. They claim that because it is mostly wetlands and flood plain that it falls under their "jurisdiction". But I don't think they own it or can sell or transfer it.

So do we need a further clarification of DEEP land? And if so, won't that expand the DEEP designation to many other locations in the WUCC (all wetlands, etc)?

Thanks

Tom Hansen
Valley Water Systems

**From:** "Kevin Schwabe" <avonwaterco@yahoo.com>
**To:** "CT DPH WUCC" <dphwucc@ct.gov>, "bavery@hazardvillewater.com" <bavery@hazardvillewater.com>, "David Radka" <dradka@ctwater.com>, "Dave Murphy" <davem@miloneandmacbroom.com>
**Cc:** "Avon Water" <avonwater@snet.net>
**Subject: Avon Water Company ESA Adjustments**

After careful review, the attached revisions are requested to Avon Water Company's Exclusive Service Area in Avon, Farmington & Simsbury. I've also included a distribution system map which shows our existing ESA in orange. I'd be happy to forward the GIS shapefile which more accurately depicts our existing ESA boundary to whomever needs it. Thanks.

Kevin Schwabe
Operations Manager
Avon Water Company
14 West Main Street, P.O. Box 424
Avon, CT 06001
860.678.0001
860.678.0521 (f)
860.250.1320 (c)

## Jeanine Gouin

**From:** Kenneth Skov <kskov@aquarionwater.com>
**Sent:** Wednesday, March 22, 2017 3:04 PM
**To:** Eric.McPhee@ct.gov
**Cc:** Daniel Lawrence; Jeanine Gouin; David Radka (DRadka@ctwater.com)
**Subject:** Question Regarding The Upper Connecticut River WUCC Archived Meeting Minutes
**Attachments:** Agreement between CWC and West Service Corp Clarifying ESA.pdf; ESA Fig 59 - Suffield ESA Declarations.pdf

Hi Eric,

I am not sure who to ask this question, so I figured I would start with you. In 2014, Aquarion acquired the West Service Corporation (WEST) water system in Suffield which is now Aquarion's West Suffield system (PWSID CT1390021). The ESA for the system shown on the WUCC map (see Fig 59 attached) doesn't appear to be correct. In looking through our files, I found the attached agreement between the West Service Corporation and the Connecticut Water Company that clarifies the ESA boundary of WEST to include the properties abutting WEST mains. The agreement also requests that the ESA clarification be approved by the Upper Connecticut River Water Utility Coordinating Committee (UCRWUCC) (see highlighted section of the attached agreement).

So my question to you is, does the DPH have the meeting minutes of the UCRWUCC from back in 1997 or 1998 that would show if this clarification was approved by the UCRWUCC and/or a map revision? If DPH does not have the minutes, where would I be able to find them?

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

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AGREEMENT

This Agreement made this 7th day of November, 1997 by and between the WEST SERVICE CORPORATION, a Connecticut corporation having a principal place of business at 3999 Mountain Road, West Suffield, Connecticut 06093 (hereinafter referred to as "WEST") and THE CONNECTICUT WATER COMPANY, a specially chartered Connecticut corporation having a principal place of business at 93 WEST Main Street, Clinton, Connecticut 06413 (hereinafter referred to as "CWC").

WITNESSETH:

Whereas several residential subdivisions are being, or soon will be, developed in the vicinity of the intersection of Copper Hill Road and Phelps Road in the Town of Suffield, and the developers have requested water service from CWC, and

Whereas CWC is franchised by the Connecticut legislature to provide water service in this area, and,

Whereas this area is within the CWC Exclusive Service Area (hereinafter referred to as "ESA"), as established by the Upper Connecticut River Water Utility Coordinating Committee, (hereinafter referred to as "UCRWUCC" and,

Whereas CWC and WEST have agreed in principal to clarify the ESA boundary of WEST to include the properties abutting the existing WEST mains and request such clarification to be approved by the UCRWUCC, and,

Whereas the distribution facilities of CWC are now a considerable distance east of this area while the distribution facilities of WEST are now a short distance north of this area, and,

Whereas CWC desires to maintain its ESA while providing economical water service to developments in this area through cooperation with WEST, and,

Whereas, the WEST system currently provides domestic service and limited fire flows within its ESA, and

Whereas WEST and CWC mutually desire to establish an agreement pursuant to which WEST would provide water to CWC to provide such economical water service.

NOW THEREFORE

It is mutually agreed between the parties hereto as follows:

1.) WEST shall sell water to CWC for use by CWC and the customers of CWC in the ESA of CWC.

2.) The water will be delivered by WEST to a meter to be installed at a mutually acceptable location at the CWC/WEST Exclusive Service Area boundary, said location to allow WSC's ESA to include the properties abutting existing WEST mains and the 800 feet of main proposed in this section, through approximately 800 feet of 12" main to be constructed at no cost to WEST but to WEST's specifications.

3.) All water will be metered in a suitable meter installation at said boundary. These metering facilities shall be constructed and maintained at no cost to WEST but to design and specifications subject to WEST's approval.

4.) WEST will deliver water to CWC at the meter installation under operating flow and pressure conditions normal to the WEST system. WEST will not be held liable for the failure to deliver water as aforesaid in the event of ruptured mains, acts of God, or other failures resulting from acts beyond the control of WEST; provided, however, WEST shall make every reasonable effort to prevent interruptions of service and, when such interruptions occur, shall endeavor to re-establish service with the shortest possible delay consistent with the safety of its customers and the general public.

5.) CWC will pay WEST for all water delivered based on readings of the meter referred to in paragraph three hereof and as shown on bills to be rendered monthly by WEST for water sales in the previous month and CWC agrees to pay all bills for water within 30 days of the date the bill is received by CWC. Water service to CWC may be discontinued if any such bill is not paid within 45 days of the due date.

6.) WEST agrees to charge and CWC agrees to pay for all water delivered to CWC at the established rates of WEST, or some other rates as may be determined by the DPUC, which rates may from time to time be revised with the approval of the DPUC.

7.) WEST agrees to own, operate and maintain all facilities to be constructed under this agreement in the WEST ESA. Such operation and maintenance shall be at no cost to CWC except that maintenance of the meters shall be at CWC expense. Anyone connecting to the WEST portion of the mains shall be a customer of WEST.

8.) Distribution facilities required within the CWC ESA to convey water for CWC use and to the homeowners or developers who desire to connect for water service shall be constructed to CWC's specifications at no cost to WEST.

9.) CWC agrees to own, operate and maintain all facilities to be constructed in the CWC ESA under this agreement. Such operation and maintenance shall be at no cost to WEST. Anyone connecting to the mains in the ESA of CWC shall be a customer of CWC and shall not be in privity of contract with WEST.

10.) CWC will observe and enforce in the area to be served by this main extension any water ban or other water restrictions which WEST may from time to time impose on other customers of WEST.

11.) WEST will make copies of appropriate water quality reports available to CWC to facilitate compliance with the Safe Drinking Water Act regulations and state regulations.

12.) WEST shall promptly apply to and diligently pursue DPH for the necessary sale of excess water permit required by this transaction at an initial quantity of up to 15,000 gpd average daily demand. If requested, CWC shall assist WEST in this application.

13.) WEST agrees that it will indemnify and save CWC harmless against any and all loss, cost, liability or damage incurred directly or indirectly by WEST in connection with this agreement. CWC agrees that it will indemnify and save WEST harmless against any and all loss, cost, liability or damage incurred directly or indirectly by CWC in connection with this agreement.

14.) Conditions. The respective obligations of the parties hereto are subject to the following conditions:

a.) Such approval of this Agreement as may be required by the Department of Public Utility Control and the Department of Public Health ("DPH").

b.) Receipt by WEST of the sale of excess water permit from DPH.

IN WITNESS WHEREOF, the parties hereto have caused to be set their hands and seals as of the date first above written.

Witness:

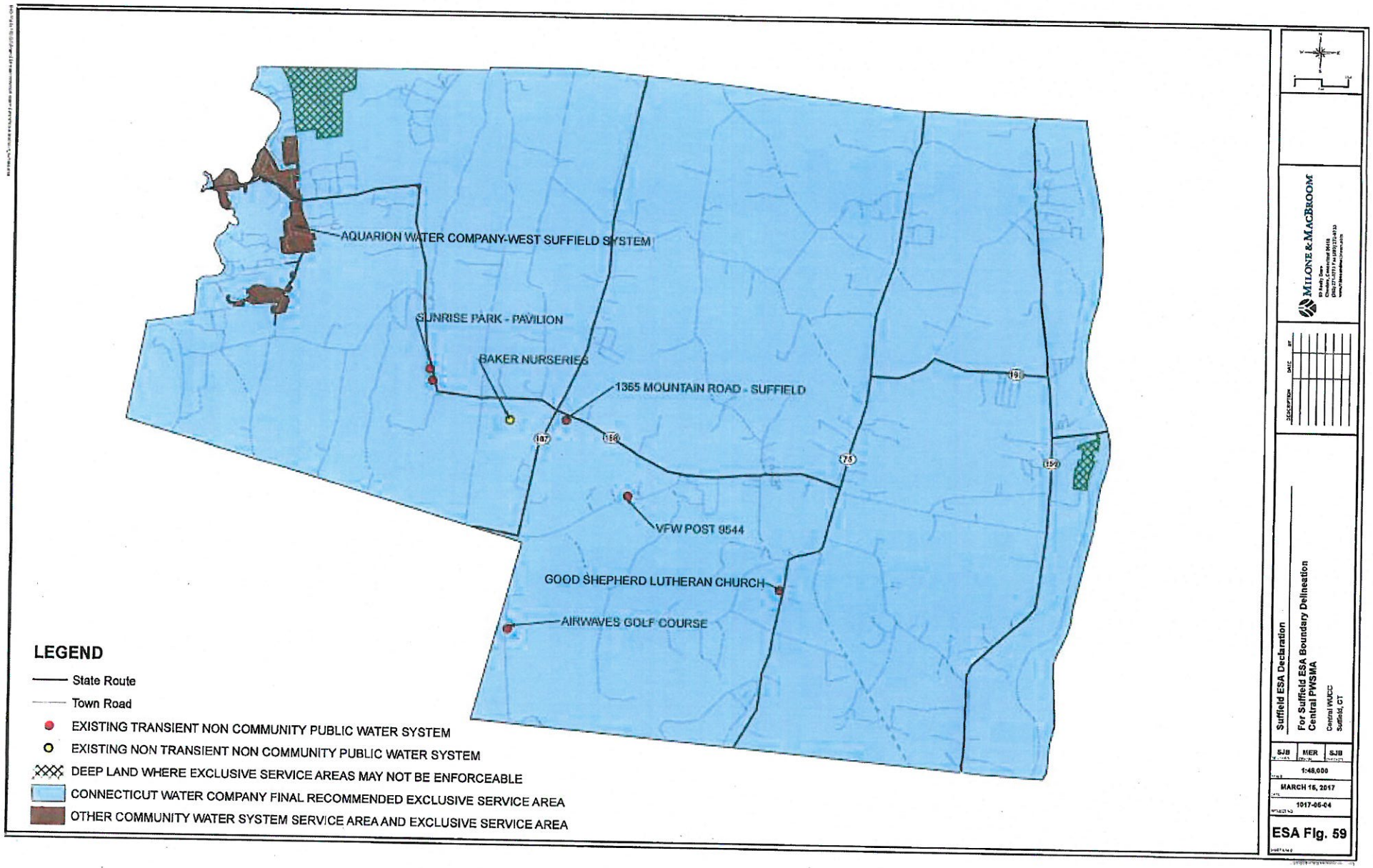
THE CONNECTICUT WATER COMPANY

By _____
Its VICE PRES. ENGR & PLANNING

WEST SERVICE CORPORATION

By _____
Its PRESIDENT

WFG/edl
11/7/97


AQUARION WATER COMPANY-WEST SUFFIELD SYSTEM
SUNRISE PARK - PAVILION
BAKER NURSERIES
1355 MOUNTAIN ROAD - SUFFIELD
VFW POST 9544
GOOD SHEPHERD LUTHERAN CHURCH
AIRWAVES GOLF COURSE
187
159
75
190
19
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
CONNECTICUT WATER COMPANY FINAL RECOMMENDED EXCLUSIVE SERVICE AREA
OTHER COMMUNITY WATER SYSTEM SERVICE AREA AND EXCLUSIVE SERVICE AREA
MILONE & MACBROOM
DESCRIPTION
DATE
BY
Suffield ESA Declaration
For Suffield ESA Boundary Delineation
Central PWSMA
Central WUCC
Suffield, CT
SJB
MER
SJB
1:48,000
MARCH 15, 2017
1017-06-04
ESA Fig. 59

**From:** Linda M. Painter [mailto:PainterLM@mansfieldct.org]
**Sent:** Wednesday, March 29, 2017 10:24 AM
**To:** Jeanine Gouin <jeanineg@miloneandmacbroom.com>
**Cc:** Jeffrey W. Polhemus <polhemusjw@ehhd.org>
**Subject:** ESA Map Question

Hi Jeanine-As we refer the proposed ESA report to various departments for comment, we noticed that there are a few existing systems that are not shown on the map:

- CT0780121 CTWC-Birchwood Heights
- CT0787011 CTWC-Crystal Springs Div
- CT0780141 CTWC-Jensens Rolling Hill System
- CT0780394 Toast Four Corners

Since 3 of the systems are in the CTWC ESA, I wasn't sure if that was why they were left off. The one other CTWC system (Pinewoods Lane) was included. I'm assuming the Toast Four Corners may just have been an oversight that needs to be corrected.

Please let me know.

Thanks!

Linda

**Linda M. Painter, AICP**
Director of Planning and Development
Town of Mansfield

Telephone: 860.429.3330
Fax: 860.429.6863
Email: painterlm@mansfieldct.org

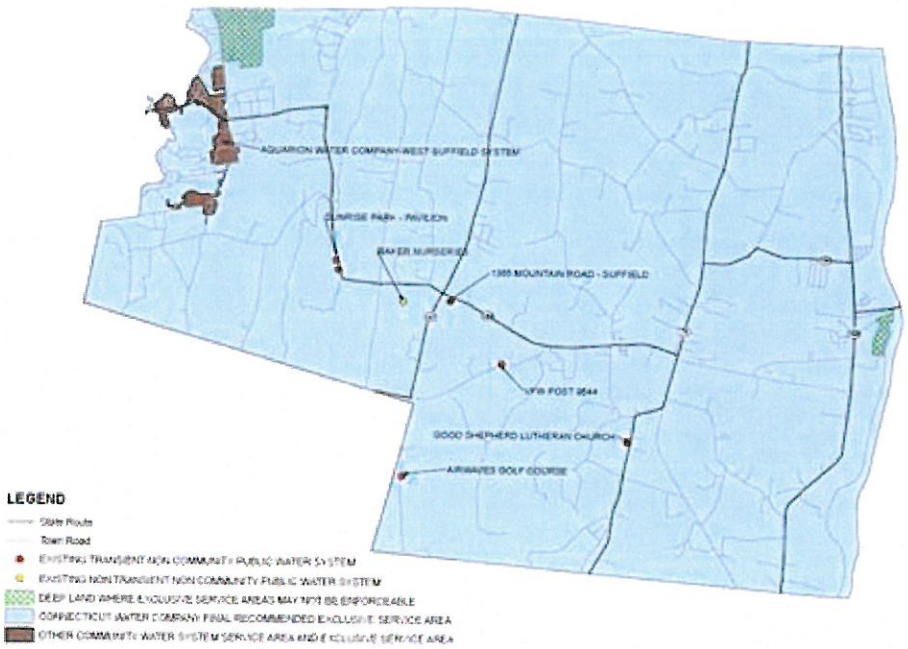
**Jeanine Gouin**

**From:** David Radka <DRadka@ctwater.com>
**Sent:** Thursday, March 30, 2017 11:19 AM
**To:** Bill Hawkins; bholloran@themdc.com; bavery@hazardvillewater.com
**Cc:** Jeanine Gouin
**Subject:** RE: Suffield ESA Question

Hello, Bill.

You are correct that Aquarion owns and operates a fairly small system in western Suffield (the former West Service Corp. system). Its Exclusive Service Area was previously defined under the original Upper CT WUCC, and was limited to the area it then served. At a minimum, ESAs are assigned that are coincident with whatever area an existing water system serves at the time. This was and remains the protocol for all WUCCs. The map below is from the Central WUCC preliminary recommended ESA boundaries document (March 15, 2017), and identifies Aquarion's ESA (in brown) as distinct from CWC's. Hope that clarifies things.
Dave

*David Radka*
*Director of Water Resources & Planning*
*The Connecticut Water Company*
*860.664.6059 Work*
*860.391.4425 Mobile*




**From:** Bill Hawkins [mailto:Bhawkins@SuffieldCT.gov]
**Sent:** Thursday, March 30, 2017 10:59 AM
**To:** David Radka; bholloran@themdc.com; bavery@hazardvillewater.com
**Subject:** Suffield ESA Question

Gentlemen,

I have a question regarding the preliminary ESA boundary for Suffield. It appears in the 3/15/2017 preliminary ESA document that Suffield is entirely a Ct Water Company exclusive service area. However, Aquarian Water Company owns a small public water system in West Suffield that serves less than 1,000 people. Does this matter in terms of the ESA boundaries noted in this document? I appreciate any help and/or clarification.

Thanks,

Bill Hawkins, AICP
Suffield Town Planner
230 C Mountain Road
Suffield, CT 06078
Phone (860) 668-3848
bhawkins@suffieldct.gov
Please note the new email address as of 9-21-16



Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

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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

# 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: Central Corridor Water Utility Coordinating Committee (WUCC) Representatives:
David Radka, Co-Chair
R. Bartley Halloran, Co-Chair
Brendan Avery, Recording Secretary

RE: Consultation on Draft Preliminary Recommended Exclusive Service Area (ESA) Boundaries

The Department of Public Health received the Central WUCC's Draft Preliminary Water Supply Assessment on March 16, 2017 and would like to thank the Central Corridor WUCC representatives and Milone & MacBroom, Inc. for their efforts. The Department reviewed the preliminary recommended ESA 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 to further enhance this valuable draft document:

- Individual Map Information
  - ESA Fig. 6 – "Bolton ESA Declaration" – The Bolton Center School is incorrectly labeled on the Bolton High School building footprint. The Bolton Center School and well are located northwest of Bolton High School.
  - A Transient Non Community public water system (CT0330214 – "Convenience Store"), recently activated in November 2016, is not depicted on ESA Fig. 13 "Cromwell ESA Declaration". The system is located at 164 West Street, Cromwell.

The Department would also like to thank the public water utilities, Milone & MacBroom, Inc. and the Central 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
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Hartford, Connecticut 06134-0308
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Thank you again for your work on the recommended ESA boundaries. If you would like to discuss the Department's suggestions please feel free to contact me at 860-509-7333.

Sincerely,

Lori Mathieu
Public Health Section Chief
Drinking Water Section

# TOWN OF MANSFIELD

Paul M. Shapiro, Mayor

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3336
Fax: (860) 429-6863

April 17, 2017

Mr. David Radka, Central Region WUCC Co-Chair
dradka@ctwater.com

Mr. Bart Halloran, Central Region WUCC Co-Chair
bhalloran@themdc.com

Subject: Central Region Water Utility Coordinating Committee (WUCC)
Draft Report: Preliminary Recommended Exclusive Service Area Boundaries

Dear Mr. Radka and Mr. Halloran:

Thank you for providing the public with the opportunity to review and comment on the Preliminary Recommended Exclusive Service Area Boundaries for the Central Region WUCC. After review, the Mansfield Town Council and Mansfield Planning and Zoning Commission offer the following comments regarding the proposed Exclusive Service Area (ESA) boundaries in Mansfield:

- *Perkins Corner (Intersection of Routes 31 and 32 Intersection).* While this area is not a priority for redevelopment at this time, Mansfield's Plan of Conservation and Development (POCD) does identify this area as having potential for new commercial and light industrial uses in the future if water and sewer service were to become available. Given the proximity of existing water and sewer infrastructure operated by Windham Water Works (WWW) and the Windham Water Pollution Control Authority (WWPCA) to the south, this area would have seemed to be a more logical area for WWW service than Connecticut Water Company (CWC). The Town encourages the two utilities to work together as needed to meet any water needs in this area that would support appropriate commercial development consistent with the POCD. Additionally, as a WUCC member, the Town reserves the right to seek a change to the ESA boundaries in the future if needed to address land use and development goals.

- *Unassigned Areas.* The Town supports the recommendation that the agricultural lands owned by the University of Connecticut in the Spring Hill area along Route 195 and the Moss forest tract located at Mansfield's northern boundary with Willington remain unassigned. Pursuant to UConn's 2015 campus master plan, no development is anticipated in these areas; as such, an ESA is not needed. However, the decision to leave these parcels unassigned calls into question the recommendation that other significant natural resource areas owned by UConn be designated either as part of the CWC ESA or as a State Agency Community Water System area. In particular, the Pink Ravine tract (located on the north side of North Eagleville Road, north and south of Nelson Brook within the CWC ESA) and the Fenton River Forest

Tract (located to the north and east of Horsebarn Hill Road within the State Agency Community Water System Area) are significant natural resource areas upon which no development is proposed in UConn's master plan. In fact, the Sustainability Framework Plan incorporated as part of the Master Plan establishes a goal to "Preserve campus biota (or ecosystems) and enhance landscapes and landholdings." Given that these tracts are not proposed for development in the UConn Master Plan and that development of these tracts in the future would be contrary to the Sustainability Framework established in UConn's Master Plan, the Town requests that these tracts also remain unassigned to be consistent with the approach used for the Spring Hill and Moss Tracts.

- *Technical Corrections.* Given the nature of this report and the fact that the associated maps will determine Exclusive Service Area boundaries for many years to come, it is imperative that the maps be accurate. We have noticed several items which appear to be incorrect with regard to the proposed map for Mansfield, and there may be more that we have not identified. These maps should be reviewed to ensure that the information depicted is correct prior to finalizing recommendations to the Department of Public Health. Examples of needed corrections on the Mansfield map include:

    - Addition of newer water systems that are included in DPH's current inventory but are not included on the map, such as Toast Four Corners.
    - Correct locations of existing systems. For example, the Perkins Corner Existing Non-Transient Non-Community Water System should be located at the northern point of the intersection of Routes 31 and 32 based on the address, but is depicted much further south on the east side of the road.
    - Verification that DEEP lands are correctly identified. For example, there is a parcel located on the east side of Route 32, south of Mansfield City Road (Map ID 26/56/14) which according to our land records is owned by the State of Connecticut/DEEP Land Acquisition and Management; however, this parcel is not included in the DEEP lands identified by cross-hatching on the map. Additionally, there is a parcel along the Willimantic River south of Route 275 (Map ID: 20.54.18) that is identified as DEEP property on the map; however, according to our land records it is owned by the Connecticut Department of Transportation.

If you have any questions with regard to the comments contained in this letter, please contact Linda Painter, Director of Planning and Development, at 860.429.3329 or painterlm@mansfieldct.org.

Sincerely,

Paul M. Shapiro, Mayor

JoAnn Goodwin, Chair, Mansfield Planning and Zoning Commission

C: Town Council
Planning and Zoning Commission
Conservation Commission
Mary Ellen Kowalewski, CRCOG

Town of Bolton

222 Bolton Center Road • Bolton, CT 06043

April 18, 2017

Via Electronic Mail

**TO:** David Radka, Central Region WUCC Co-Chair
DRadka@ctwater.com

Bart Halloran, Central Region WUCC Co-Chair
bhalloran@themdc.com

Brendan Avery, Central Region WUCC Recording Secretary
bavery@hazardvillewater.com

**RE: Comments on Preliminary Recommended Exclusive Service Area Boundaries**

The Town of Bolton wishes to offer the following comments on the preliminary recommended exclusive service area boundaries for the Central Connecticut Public Water Supply Management Area. The preliminary ESA boundaries indicate the following ESA designations: Town of Bolton for selected Town-owned parcels; Connecticut Water Company for areas north of Route 44 and within 200 feet of south side of Route 44, and Aquarion Water Company for the remainder of the town.

The Town of Bolton supports the ESA designations of the Connecticut Water Company and the Town of Bolton. The Town wishes the Aquarion Water Company ESA to be restricted to R-2, R-3, Industrial and General Business Zones within the Route 6 Corridor. The attached map defines those zones along Route 6. The Town asks that the remainder of the community remain undesignated for the following reasons:

1. Most of Bolton south of the Route 44, Route 384 and Route 6 corridors is currently zoned for low-density single-family residential uses (R1, one-acre minimum lot size). The Town anticipates that this land will continue to be zoned for low density residential and limited small business development into the future. It is unlikely that public water service will be required in this area.

2. The land uses that might potentially need community water systems (Low Density Multifamily (R-2), Moderate Density 1-2 Family Homes (R-3), and Mixed Use Buildings) are restricted to the Route 44 and Route 6 corridors. In addition, businesses are concentrated along Route 6 and Route 44, with only a limited number of small businesses along Route 85.

3. It is a goal of the 2015 Bolton Plan of Conservation and Development (Plan of C&D) to enact policies that will help Bolton retain its rural character. Bolton has retained its rural character to date because most of its land area is farm, forest or other undeveloped land. Even though Bolton contains over 2,000 housing units, most are located on side roads so they are not apparent.

4. Community character is a core value of the community, and an important element of the Plan of C&D. In the broadest sense, community character includes those features that contribute to the overall quality of life for residents by enhancing the quality of the overall physical environment. Key elements of overall community character, which are consistent with agricultural land uses, land preservation and low density development are: rural character, scenic elements, undeveloped land, and gateways. This value will guide future zoning.

Thank you for your consideration of our comments. Please contact Patrice Carson, Consulting Director of Community Development, at 860-649-8066 ext. 6114.

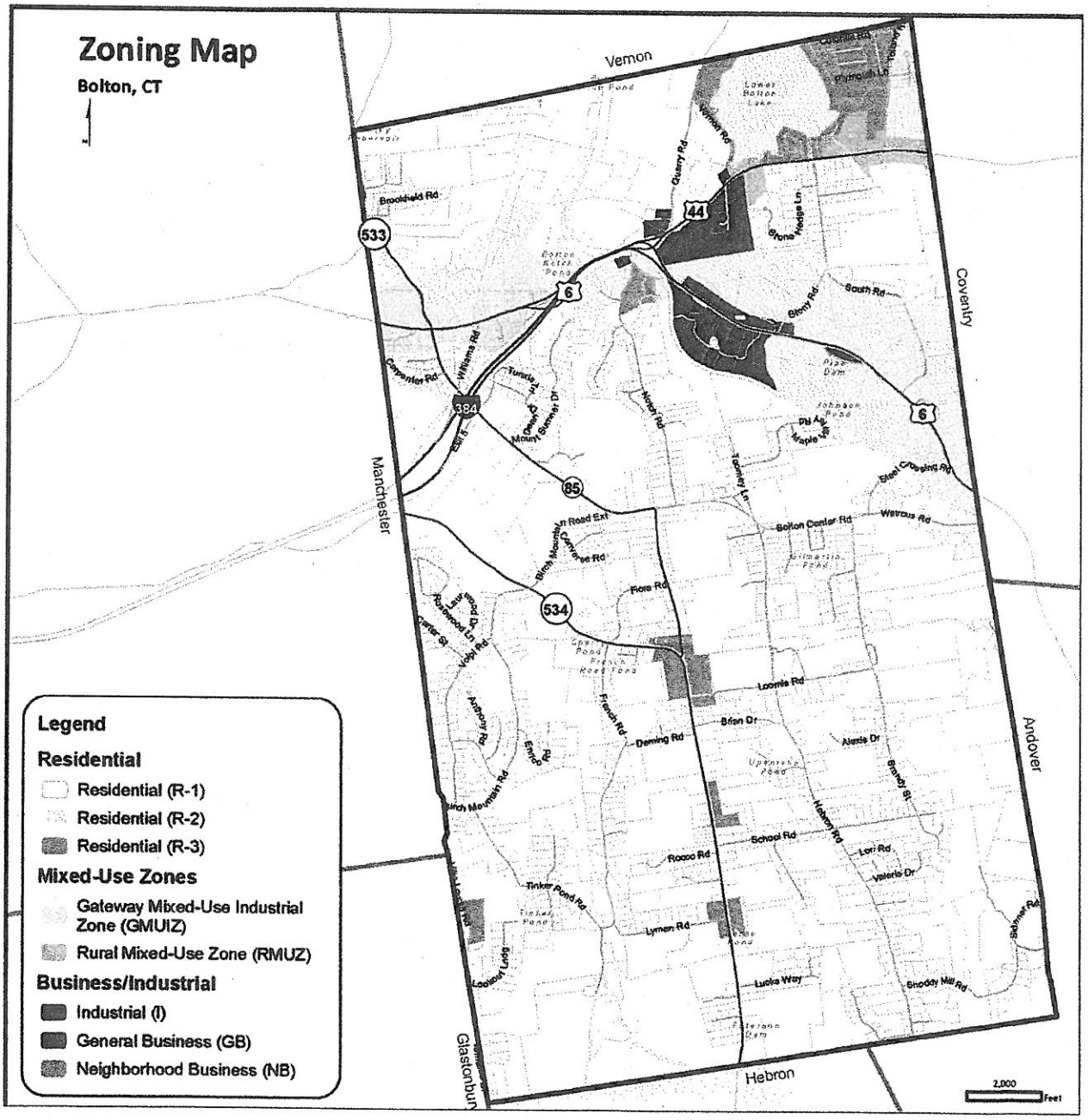
Sincerely,

Joyce Stille
Administrative Officer
Town of Bolton

Patrice L. Carson, AICP
Consulting Director of Community Development
Town of Bolton

## Zoning in Bolton

Most of Bolton is zoned for single-family residential uses, although the R-1 and R-2 districts also allow for two-family homes on larger lots. The R-2 district also allows for multifamily development. Business, industrial, and mixed-use zones are located along Route 6 and Route 44, with some neighborhood business zones along Route 85.



**From:** Alison Hilding [mailto:aahilding@gmail.com]
**Sent:** Tuesday, April 18, 2017 5:48 PM
**To:** Mathieu, Lori
**Cc:** Rivers Alliance of CT
**Subject:** WUCC meeting tomorrow

Dear Lori,

I had intended to attend tomorrow's WUCC meeting but found this morning that I unfortunately will not be able to. I left a message at your office this morning hoping to have a chance to speak with you today before tomorrow's meeting so as to convey my concerns. Below I will quickly and informally address some of my concerns.

Specifically I question the distribution of water company service areas in Mansfield and believe that perhaps a larger area in southern Mansfield should be assigned to the Willimantic Water Works. In this regard an area along Route 32 called "Perkins Corner" and surrounding lands to my mind might more appropriately be included in the WWW area. In the current Mansfield POCD this area is slated for potential commercial development and is very close to the WWW system. It makes little sense to me to therefore assign this area of Mansfield to CT Water given how far it is from the entry of the Shenipsit pipes, and likewise the Willimantic River wells and the Fenton River wells. Similarly, it would seem perhaps sensible to also assign a larger area in southern Mansfield, such as along or near Route 195, to the WWW given the value in having diverse water sources and also in light of the possibility of local droughts, such as the possibility of a drought in the Shenipsit area but not in the Mansfield Hollow or vice versa.

At the April 12 , 2017 Mansfield Town Council meeting David Radka of CT Water spoke in a effort to inform and promote comment from the council. It became entirely clear that most members of the town council understand little about what a WUCC is or what they were being asked to respond to in terms of water company service area and exclusive assignment. The mayor asked Mr. Radka with a puzzled look what he wanted the town council to say in their letter. The council appeared to be addressing the question of water company assignment for the first time that very evening. The Council seemed ill prepared to respond in a knowledgeable fashion to the service area question and surely appeared to have not discussed the WUCC question before last Monday when they approved the scope and direction of their comments. They had few questions and seemed both puzzled and unfamiliar with the issues. This was troubling to witness.

Linda Painter, the Director of Planning and Development also presented at the above mentioned town council meeting commented that members of the Mansfield Conservation Commission had expressed concern about the assignment of a water company to two state-owned areas in town, namely the 150 acres which surrounds the former drinking water reservoir at Bone Mill Road, (commonly known as Pink Ravine) and also the land near the Fenton River in northern Mansfield, presumably near the Fenton River wells, as I understand it. I did not attend the Conservation Commission meeting at which this was discussed. My take-away from Ms Painter's comments was that the Conservation Commission was concerned that assigning these areas to a water company might serve to promote rather than protect these lands from development. It as not clear to me whether they were including land outside the area near the

Fenton River which is already protected from development or not. I did not fully understand their concerns.

I am personally concerned about what appears to be total lack of short and long range planning for water use in Mansfield along with a complete disconnect between land use planning, proposed commercial and residential development, and available water. Please see the attached comments concerning water use in the report by Charles Vidich in response to the January 2017 draft Mansfield PZC Multi-Family Housing proposal . As you can see, the proposed development at full build out outstrips available water resources. Additionally it is not clear to me that the current distribution of water to UCONN and the town is appropriately balanced given the pressure from UCONN for the town to house more students rather than the university, despite a clear preference from local residents for UCONN to house more of its students on its own campus. Furthermore development is not being considered with a mindfulness to balancing which water sources the developments will rely on for water. These water consumption issues deserve consideration and should also be kept in mind when deciding exclusive areas for water company assignment. We already have water coming in from two watersheds and its potential use and overuse is not being appropriately considered and safeguarded. Land use planning and water availability should be considered in tandem, not separately, or as is the case in Mansfield currently, not at all. There seems to be some false impression that since there is a new water source from the Shenipsit that the supply of water is now limitless.

Sorry not to have had the chance to chat today and please forgive the hurried nature of this communication. I regret that I cannot attend the WUCC meeting tomorrow.

All the best,

Alison

UCONN
UNIVERSITY OF CONNECTICUT

April 19, 2017

Central Connecticut Water Utility Coordinating Committee
c/o Brendan Avery
Hazardville Water Company
281 Hazard Avenue
Enfield, CT 06082
Attn: David Radka, Co-Chair, and Bart Halloran, Co-Chair

Dear Committee Members:

Reference is made to that certain Coordinated Water System Plan, Part II: Preliminary Recommended Exclusive Service Area Boundaries for the Central Connecticut Public Water Supply Management Area, dated March 15, 2017 (the "Preliminary Plan").

On behalf of the University of Connecticut ("UConn"), we appreciate the opportunity to review and submit these comments on the Preliminary Plan recently issued by the Central Connecticut Water Utility Coordinating Committee (the "Central WUCC").

As an initial matter, we agree with the Preliminary Plan's depiction of UConn's water system in the Preliminary Exclusive Service Area Map for the Town of Mansfield, Connecticut (ESA Fig. 37). We further agree with the Preliminary Plan's depiction of the areas that are currently forested and/or agricultural in such map and in the Preliminary Exclusive Service Area Map for the Town of Willington, Connecticut (ESA Fig. 67). UConn has previously requested these areas not be assigned an ESA.

UConn also agrees with the Preliminary Plan's determination that UConn "retain its current service area at its Main and Depot campuses as an existing system, with no delineated ESA." UConn has supplied water for its operations and to other properties receiving this service for many years. UConn is specially authorized by the Connecticut legislature to provide water supply service in this area. For example, General Statutes § 10a-138 authorizes UConn "to furnish, for compensation, running water . . . for any property owned or occupied by it or in which it has an interest by reason of a possibility of reverter or of a restriction on alienation in its favor." It is essential that UConn's continued authority to supply water from its existing system within this area be recognized as part of the water supply planning process.

Although the Preliminary Plan, and the attached map (ESA Fig. 37), recognize UConn's existing service area, we believe some further clarification is necessary to reinforce the Central WUCC's determination that no delineated ESA is assigned to UConn's existing service territory.

Office of the Executive Vice President for
Administration and Chief Financial Officer
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We specifically request that the following changes be made to the Preliminary Plan (with the requested changes depicted in blue, bold and underlined font):

- Table 2-8, Page 2-11:

| | |
|---|---|
| Mansfield | University of Connecticut **will retain its existing service area designation for its Main and Depot campus areas. UConn** agricultural land that is not contiguous with the existing service area at the Main and Depot Campuses will remain unassigned. Windham Water Works for a specific area near its existing system in southern Mansfield. CWC for the remaining area within the Town of Mansfield. |

- Section 2.4, Page 2-13:
  Mansfield -- **University of Connecticut will retain its current service area at its Main and Depot campuses as an existing system.** Several state-owned agricultural parcels in central Mansfield were requested by the University of Connecticut to remain unassigned, as well as the southern terminus of the Moss Tract in northern Mansfield. CWC refined its ESA declaration to comply with this request.

UConn believes these changes are necessary to create an appropriate record confirming that the Central WUCC is not delineating an ESA within UConn's existing service territory.

These changes are also consistent with the regulatory requirements applicable to this process. *See* Regs., Conn. State. Agencies § 25-33h-1(d)(B). These clarifications will, among other things, reinforce the boundaries of UConn's existing water service area, *id.* § 25-33h-1(d)(B)(ii)(aa), will recognize UConn's legal authority to supply water to these areas, *id.* § 25-33h-1(d)(B)(ii)(ee), and will avoid potential duplication or overlap of services in these areas, *id.* § 25-33h-1(d)(B)(i)(cc).

These changes are also consistent with contractual agreements established between UConn and Connecticut Water Company ("CWC"). As you are aware, UConn and CWC recently entered into an agreement for the supply of water and development of water systems in the Town of Mansfield. CWC agreed that it would not use the nature of the commitments outlined in that agreement to support the establishment of an ESA to CWC in UConn's existing service territory. The changes reflected above would recognize these commitments by CWC to UConn in the Preliminary Plan.

Finally, we note the Preliminary Plan identifies UConn's prior participation in this planning process as a member of the Central WUCC, and the Central WUCC's determination that UConn, as a state agency, cannot hold an ESA (as defined in the Preliminary Plan). As you are aware, determinations of this nature are not within the WUCC's authority. Because the Preliminary Plan recognizes UConn's current water system as an existing service area with no ESA holder,[1] UConn does not consider it necessary to resolve whether or not UConn is a "public water supply" for purposes of General Statutes 25-33d.

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[1] The Central WUCC's Monthly Meeting #10 presentation confirmed that "Moving forward, the UConn system will be depicted as an existing system with no ESA holder" (see Slide 12).

As participants in this process, we appreciate the time and commitment made by all members of the Central WUCC. We look forward to continuing to work with you in this process and in our related activities in the future.

Sincerely,

Stanley L. Nolan
Director of Utility Operations and Energy Management